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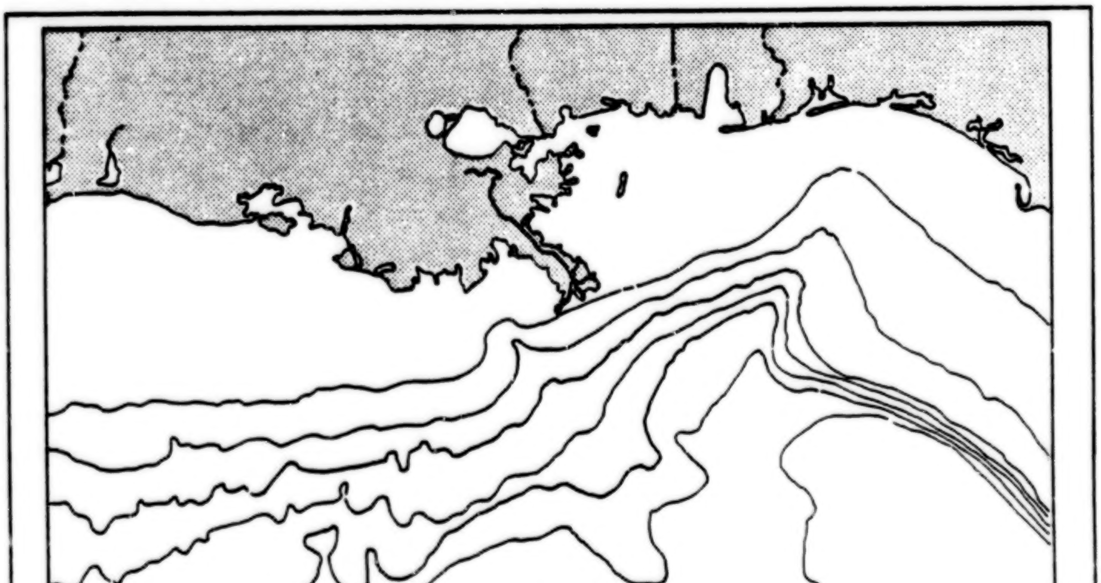
MMS 86-0091

Gulf of Mexico Continental Slope Study Annual Report

Year 2

Volume III: Appendices



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U.S. Department of the Interior
Minerals Management Service
Gulf of Mexico OCS Region

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OCS Study
MMS 86-0091

Gulf of Mexico Continental Slope Study Annual Report Year 2

Volume III: Appendices

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APPENDIX A

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APPENDIX A-1. Trawl locations sampled on Cruises I, II, and III.

CRUISE I - MMS-NGOMCS TRAWL STATIONS, NOVEMBER 1983

Station	Depth (m)	On-Bottom N. Latitude	Position W. Longitude	Duration (Hrs:Min)	Remarks
C-1	329	28°04.4'	90°17.5'	1:09	5 containers (2 fish, 3 invertebrates).
C-2	786	27°53.3'	90°05.3'	1:14	All fish (except ophidiids) kept for HC.
C-3	-850	27°48.0'	90°03.3'	2:30	3 buckets and 3 jars.
C-4	1440	27°25.4'	89°47.6'	1:21	Small catch (trawl bridge twisted).
C-5	2400	26°56.5'	89°33.2'	5:19	Trawl malfunctioned, minimal catch.

CRUISE II - MMS-NGOMCS TRAWL STATIONS, 7-19 APRIL 1984

Station	Depth (m)	On-Bottom N. Latitude	Position W. Longitude	Duration (Hrs:Min)	Remarks
W-1	342	27°37.0'	93°33.6'	1:08	5 gal. shell hash (dead clams) plus 1 bucket, 1 jar.
W-2	576- 732	27°24.5'	93°18.9'	1:02	1 bucket, 1 jar.
W-3	792- 864	27°08.4'	93°23.6'	2:39	3 containers.
W-4	1372-1454	26°44.4'	93°18.6'	2:18	Palm fronds and sargassum (1 bucket of specimens)
W-5	2322-2305	26°17.1'	93°24.6'	2:37	Port side door had turned over 1 complete revolution. Both doors covered with traces of mud. 2 containers: 1 vial and 1 9-oz jar.
C-1	329- 347	28°03.3'	90°15.0'	1:05	2 buckets and 1 16-oz jar.
C-2	603	27°54.4'	90°06.0'	1:04	Many brittle stars (1 bucket and 1 gal. jar).
C-3	-850	27°49.7'	90°06.7'	2:19	1 container.
C-4	1358-1518	27°28.1'	89°43.6'	2:00	2 1-gal jars.
C-5	2412-2390	27°01.4'	89°30.3'	2:16	Poor catch (1 gal. jar).
E-1	375- 358	28°26.5'	86°03.1'	1:17	Good catch
E-2	603- 640	28°17.6'	86°14.8'	0:59	Lazy line wrapped around cod end. 1 bucket.
E-3	-840	28°10.7	86°25.6'	2:14	2 buckets.
E-4	-1170	28°06.0'	86°35.3'	2:07	3 buckets.
E-5	2881-2834	28°01.9'	86°40.1'	2:12	Poor trawl--doors probably collapsed.

CRUISE III - MMS-NGOMCS TRAWL STATIONS, NOVEMBER-DECEMBER 1984

Station	Depth (m)	On-Bottom N. Latitude	Position W. Longitude	Duration (Hrs:Min)	Remarks
C-1	366- 326	28°02.3'	90°14.83'	1:03	-
C-2	632	27°54.3'	90°07.53'	1:23	Counted and discarded 718 ophiuroids. 3 buckets (2 fish, 1 invertebrate).
C-3	841- 764	27°48.97'	90°07.85'	1:09	Fair trawl (sample in 3 buckets).
C-5	2486-2523	26°56.7'	89°30.6	2:03	Good haul.
C-4	1420-1600	27°27.7'	89°45.5'	2:00	Not many animals (low biomass). Lot of bottom debris (burnt coal-type material). 1 5-gal. bucket.
C-6	501- 448	28°01'	90°05.1'	1:00	-
C-7	896-1033	27°44.5'	90°01.5'	1:02	Due to sudden rise in bottom stopped wire out at 3289 m and turned vessel to 045°. At 1001 hrs. turned to 090° as bottom still rising (outside acceptable range.
C-8	1064	27°31.07'	89°48.93'	1:34	Greatest variety so far: baby giant squid, pteropods, shrimp, fish, berthosaurus.
C-9	1309-1317	27°29.5'	89°47.98'	0:50	Large mud ball. Trawl anchored vessel.
C-10	1680-1790	27°25'	89°42.2'	2:02	Lots of mud--2.5 tons. Not much biota--probably some lost with mud lumps (clay).
C-11	2085-2063	27°13.7'	89°36.8'	2:00	Lots of trash--terrigenous material, sargassum, rocks, starfish. 1 5-gal bucket.

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Appendix A-2. Box core station locations for Cruises I, II, and III.

Station	Replicate	Depth (m)	N. Latitude	W. Longitude
Cruise I				
C1	1	320	28°03.7'	90°14.1'
	2	320	28°03.7'	90°14.1'
	3	420	28°03.2'	90°15.2'
	4	420	28°03.2'	90°15.2'
	5	356	28°03.4'	90°15.3'
	6	355	28°03.2'	90°15.2'
C2	1	615	27°54.3'	90°05.9'
	2	615	27°54.3'	90°05.9'
	3	603	27°54.4'	90°06.0'
	4	603	27°54.4'	90°06.0'
	5	632	27°54.3'	90°06.0'
	6	610	27°54.3'	90°06.1'
C3	1	845	27°49.2'	90°07.2'
	2	858	27°45.1'	90°08.5'
	3	853	27°49.3'	90°07.0'
	4	853	27°49.3'	90°07.0'
	5	853	27°49.6'	90°06.8'
	6	853	27°49.6'	90°06.8'
C4	1	1440	27°28.3'	89°47.1'
	2	1440	27°28.3'	89°47.1'
	3	1378	27°29.1'	89°46.4'
	4	1378	27°29.1'	89°46.4'
	5	1325	27°29.5'	89°45.6'
	6	1325	27°29.5'	89°45.6'
C5	1	2470	26°58.2'	89°36.9'
	2	2490	26°47.8'	89°31.0'
	3	2490	26°57.8'	89°31.0'
	4	2467	26°58.0'	89°31.8'
	5	2467	26°58.0'	89°31.8'
	6	2468	26°59.4'	89°32.6'
Cruise II				
W1	1	366	27°35.0'	93°33.1'
	2	366	27°35.0'	93°33.1'
	3	344	27°35.2'	93°33.1'
W2	1	605	27°24.9'	93°20.5'
	2	605	27°24.9'	93°20.4'
	3	603	27°24.9'	93°20.5'

Appendix A-2 (cont'd)

Station	Replicate	Depth (m)	N. Latitude	W. Longitude
Cruise II (cont'd)				
W3	1	860	27°10.6'	93°19.4'
	2	860	27°10.6'	93°19.4'
	3	841	27°10.3'	93°19.3'
W4	1	1419	26°44.1'	93°19.1'
	2	1405	26°44.3'	93°19.1'
	3	1405	26°44.3'	93°19.1'
W5	1	2524	26°17.0'	93°19.3'
	2	2524	26°17.0'	93°19.3'
	3	2470	26°17.2'	93°19.2'
C1	1	358	28°03.3'	90°15.2'
	2	357	28°03.3'	90°15.2'
	3	357	28°03.3'	90°15.2'
	4	348	28°03.3'	90°15.3'
	5	348	28°03.3'	90°15.3'
	6	348	28°03.3'	90°15.6'
C2	1	595	27°54.4'	90°06.2'
	2	595	27°54.4'	90°06.2'
	3	595	27°54.5'	90°06.2'
	4	595	27°54.5'	90°06.2'
	5	605	27°54.3'	90°05.9'
	6	605	27°54.3'	90°05.9'
C3	1	834	27°49.2'	90°07.1'
	2	834	27°49.2'	90°07.1'
	3	840	27°49.4'	90°07.0'
	4	840	27°49.4'	90°07.0'
	5	841	27°49.6'	90°07.1'
	6	841	27°49.6'	90°07.1'
C4	1	1390	27°28.4'	89°46.8'
	2	1390	27°28.4'	89°46.8'
	3	1394	27°28.3'	89°47.0'
	4	1394	27°28.3'	89°47.0'
	5	1386	27°28.4'	89°46.9'
	6	1386	27°28.4'	89°46.9'
C5	1	2377	26°56.9'	89°36.7'
	2	2400	26°57.7'	89°34.2'
	3	2400	26°57.7'	89°34.2'
	4	2377	26°57.9'	89°35.1'
	5	2377	26°57.9'	89°35.1'
	6	2400	26°57.6'	89°35.1'

Appendix A-2 (cont'd)

Station	Replicate	Depth (m)	N. Latitude	W. Longitude
Cruise II (cont'd)				
E1	1	347	28°27.7'	86°01.0'
	2	357	28°27.6'	86°01.8'
	3	357	28°27.6'	86°01.8'
E2	1	625	28°16.7'	86°15.1'
	2	625	28°16.7'	86°15.1'
	3	630	28°16.6'	86°15.2'
E3	1	845	28°09.6'	86°25.0'
	2	845	28°09.6'	86°25.0'
	3	847	28°09.5'	86°26.2'
E4	1	1330	28°04.3'	86°34.4'
	2	1370	28°04.3'	86°34.8'
	3	1335	28°04.1'	86°34.4'
	4	1358	28°04.4'	86°34.8'
	5	1358	28°04.4'	86°34.8'
E5	1	2853	28°00.4'	86°38.8'
	2	2853	28°00.4'	86°38.8'
	3	2800	28°00.5'	86°38.9'
	4	2800	28°04.4'	86°34.8'
Cruise III				
C1	1	361	28°04'06"	90°15'22"
	2	361	28°04'06"	90°15'22"
	3	358	28°04'06"	90°15'53"
	4	358	28°04'06"	90°15'53"
	5	353	28°04'09"	90°15'55"
	6	353	28°04'09"	90°15'55"
C2	1	639	27°54'49"	90°06'25"
	2	639	27°54'49"	90°06'25"
	3	636	27°54'42"	90°04'24"
	4	636	27°54'42"	90°04'24"
	5	625	27°54'44"	90°06'32"
	6	625	27°54'44"	90°06'32"
C3	1	884	27°49'34"	90°07'07"
	2	870	27°49'43"	90°07'06"
	3	871	27°49'37"	90°07'16"
	4	885	27°49'37"	90°07'05"
	5	885	27°49'37"	90°07'05"
	6	892	27°49'34"	90°07'02"

Appendix A-2 (cont'd)

Station	Replicate	Depth (m)	N. Latitude	W. Longitude
Cruise III (cont'd)				
C4	1	1506	27°27'41"	89°47'19"
	2	1444	27°28'02"	89°47'05"
	3	1444	27°28'02"	89°47'05"
	4	1433	27°28'07"	89°47'08"
	5	1482	27°27'46"	89°47'06"
	6	1482	27°27'46"	89°47'06"
C5	1	2482	26°57'12"	89°34'18"
	2	2482	26°57'12"	89°34'18"
	3	2533	26°57'12"	89°33'54"
	4	2533	26°57'12"	89°33'54"
	5	2540	26°57'30"	89°34'12"
	6	2540	26°57'30"	89°34'12"
C6	1	505	28°01'48"	90°05'52"
	2	505	28°01'48"	90°05'52"
	3	482	28°01'46"	90°06'00"
	4	482	28°01'46"	90°06'00"
	5	489	28°01'47"	90°06'01"
	6	489	28°01'47"	90°06'01"
C7	1	1021	27°44'39"	89°58'58"
	2	1029	27°44'08"	89°59'04"
	3	1032	27°44'28"	89°59'04"
	4	1032	27°44'28"	89°59'04"
	5	1007	27°44'38"	89°59'13"
	6	1007	27°44'38"	89°59'13"
C8	1	1198	27°30'25"	89°49'23"
	2	1198	27°30'25"	89°49'23"
	3	1232	27°30'31"	89°49'22"
	4	1232	27°30'31"	89°49'22"
	5	1147	27°30'36"	89°49'02"
	6	1147	27°30'36"	89°49'02"
C9	1	1507	27°29'47"	89°47'26"
	2	1507	27°29'47"	89°47'26"
	3	1390	27°29'13"	89°47'50"
	4	1392	27°29'35"	89°47'53"
	5	1392	27°29'35"	89°47'53"
	6	1389	27°29'10"	89°47'25"
C11	1	2118	27°14'55"	89°41'23"
	2	2118	27°14'55"	89°41'23"
	3	2124	27°14'43"	89°41'31"

Appendix A-2 (cont'd)

Station	Replicate	Depth (m)	N. Latitude	W. Longitude
Cruise III (cont'd)				
C11 (cont'd)	4	2075	27°14'59"	89°41'34"
	5	2098	27°14'59"	89°41'33"
	6	2075	27°14'59"	89°41'34"
C12	1	2959	26°22'54"	89°14'36"
	2	2945	26°23'06"	89°14'12"
	3	2945	26°23'06"	89°14'12"
	4	2915	26°22'48"	89°13'54"
	5	2953	26°23'12"	89°13'54"
	6	2953	26°23'12"	89°13'54"

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Appendix A-3. Camera transects.

Cruise II

Station		Date	Time	Depth (m)	N. Latitude	W. Longitude
W1	Start	4 Apr 84	0852	445	27°34.7'	93°33.5'
	End		1007	485	27°33.4'	93°33.6'
W2	Start	7 Apr 84	0943	-	27°24.6'	93°20.0'
	End		1122	622	27°25.4'	93°21.2'
W3	Start	8 Apr 84	1444	828	27°11.2'	93°18.8'
	End		1625	811	27°11.4'	93°18.5'
W4	Start	9 Apr 84	0149	1405	26°44.7'	93°19.3'
	End		0329	1362	26°45.4'	93°19.5'
W5	Start	9 Apr 84	0044	2411	26°17.1'	93°18.7'
	End		0224	2507	26°17.6'	93°19.3'
C1	Start	11 Apr 84	1328	350	28°03.3'	90°15.4'
	End		1508	320	28°03.5'	90°17.5'
C2	Start	11-12 Apr 84	2353	594	27°54.7'	90°06.1'
	End		0133	584	27°55.3'	90°06.3'
C3	Start	12 Apr 84	2100	814	27°50.1'	90°07.5'
	End		2240	790	27°50.4'	90°08.3'
C4	Start	13 Apr 84	1500	1388	27°28.0'	89°44.5'
	End		1640	1426	27°27.6'	89°45.4'
C5	Start	14 Apr 84	1654	2428	26°59.6'	89°31.1'
	End		1834	2438	26°58.8'	89°31.8'
E1	Start	15-16 Apr 84	2345	355	28°27.8'	86°01.6'
	End		0125	-	28°26.9'	86°03.8'
E2	Start	16 Apr 84	1842	603	28°17.3'	86°13.6'
	End		2022	627	28°16.6'	86°15.2'
E3	Start	17 Apr 84	0547	846	28°09.4'	86°24.5'
	End		0727	860	28°09.4'	86°25.9'
E4	Start	18 Apr 84	0739	1362	28°03.5'	86°33.2'
	End		0919	1285	28°03.4'	86°32.2'
E5	Start	18 Apr 84	1813	2893	28°00.6'	96°37.5'
	End		1953	2893	28°00.7'	86°37.0'

Appendix A-3 Camera transects (cont'd)

Cruise III

Station		Date	Time	Depth (m)	N. Latitude	W. Longitude
C1	Start	10 Nov 84	0217	357	28°02.78'	90°15.66'
	End		0404	317	28°03.74'	90°14.52'
C2	Start	12 Nov 84	2200	629	27°54.78'	90°06.60'
	End		2346	708	27°52.42'	90°07.51'
C3	Start	13 Nov 84	1409	856	27°50.72'	90°05.67'
	End		1556	848	27°50.00'	90°06.82'
C4	Start	15 Nov 84	2010	-	27°27.52'	89°46.50'
	End		2250	1390	27°28.06'	89°48.86'
C5	Start	16 Nov 84	2252	2418	26°56.33'	89°34.25'
	End	17 Nov 84	0038	2396	26°56.33'	89°35.88'
C6	Start	10 Nov 84	1450	529	27°57.30'	90°11.16'
	End		1637	531	27°57.79'	90°09.85'
C7	Start	14 Nov 84	0548	984	27°45.45'	89°58.30'
	End		0734	940	27°45.57'	89°59.06'
C8	Start	14 Nov 84	2022	1216	27°30.85'	89°47.61'
	End		2208	1063	27°31.11'	89°48.95'
C9	Start	15 Nov 84	1200	1338	27°28.94'	89°47.06'
	End		1338	1322	27°29.57'	89°47.62'
C10	Start	17 Nov 84	1633	1675	27°23.14'	89°44.58'
	End		1819	1536	27°23.49'	89°45.53'
C11	Start	16 Nov 84	1815	2085	27°12.78'	89°38.98'
	End		2001	2080	27°12.98'	89°39.44'
C12	Start	17 Nov 84	0641	2871	26°21.30'	89°12.87'
	End		0821	2862	26°21.30'	89°13.70'

Cruise V

Station		Date	Time	Depth (m)	N. Latitude	W. Longitude
WC7	Start	12 Jun 84	0337	459	27°45.87'	91°13.66'
	End		0523	382	27°48.39'	91°14.78'

Introduction

To standardize the calculation of density for replicated gear types the following outline has been prepared to aid the reader in interpretation of the density tables provided in the body of the report.

Macrofauna Density (Boxcores)

Numbers and areas of boxcore samples varied across stations. On Cruise I, boxcores encompassed 569 cm^2 while on the subsequent cruises the area was 475 cm^2. These results are summarized in Appendix Table A-4. Additionally Polychaeta were identified from a single replicate for each station on Cruises II-III. The remainder of the samples are currently being processed.

Density calculations for the macrofaunal species found in the boxcores were obtained by taking the total abundance across the replicate boxcores at a station, dividing by the total area of those cores, and standardizing to one square meter. For example, if a single Porifera was found among the six replicates at C1 on Cruise I, the density would be 2.93 per m^2 from (1/3414 cm^2)*(10,000 cm^2/m^2). Density calculations for the Polychaeta species reflect the reduced sampling.

Meiofauna Density (Tubes)

For the meiofauna tubes obtained from the boxcores, the number of replicates varied across stations but the area of the tubes was constant at 9.6 cm^2. These results are also summarized in Appendix Table A-4.

Density calculations for meiofaunal species was performed in a similar manner to those of the macrofauna except that the standardization was to 10 cm^2. That is, the 3163 Nematoda found at Station C1 on Cruise I yield a density of 274.6 per 10 cm^2 from (3163/115.2 cm^2)*10.

Benthic Photography

Unless otherwise stated, density estimates for the photography samples were calculated by count divided by area. Note that in cases where high aggregate populations exist these estimates of density may be highly variable. See comments in Section 6.0.

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Appendix A-4. Sampling effort for boxcores on Cruises I-III.

	Cruise I Stations					
	C 1	C 2	C 3	C 4	C 5	Transect Total
Number of boxcores	6	6	6	6	6	30
Total area (cm^2)	3414	3414	3414	3414	3414	17070

	Cruise II Stations					
	W 1	W 2	W 3	W 4	W 5	Transect Total
Number of boxcores	3	3	3	3	3	15
Total area (cm^2)	1425	1425	1425	1425	1425	7125

	Cruise II Stations					
	C 1	C 2	C 3	C 4	C 5	Transect Total
Number of boxcores	6	6	6	6	6	30
Total area (cm^2)	2850	2850	2850	2850	2850	14250

	Cruise II Stations					
	E 1	E 2	E 3	E 4	E 5	Transect Total
Number of boxcores	3	3	3	5	4	18
Total area (cm^2)	1425	1425	1425	2375	1900	8550

	Cruise III Stations											
	C 1	C 2	C 3	C 4	C 5	C 6	C 7	C 8	C 9	C11	C12	Transect Total
Number of boxcores	6	6	6	6	6	6	6	6	6	6	6	66
Total area (cm^2)	2850	2850	2850	2850	2850	2850	2850	2850	2850	2850	2850	31350

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Appendix A-4 (con't) Meiofauna tubes taken from boxcores.

Cruise I Stations

	C 1	C 2	C 3	C 4	C 5	Transect Total
Number of tubes	12	12	12	12	12	60
Total area (cm^2)	115.2	115.2	115.2	115.2	115.2	576.0

Cruise II Stations

	W 1	W 2	W 3	W 4	W 5	Transect Total
Number of tubes	6	6	5	6	6	29
Total area (cm^2)	57.6	57.6	48.0	57.6	57.6	278.4

Cruise II Stations

	C 1	C 2	C 3	C 4	C 5	Transect Total
Number of tubes	12	12	12	12	12	60
Total area (cm^2)	115.2	115.2	115.2	115.2	115.2	576.0

Cruise II Stations

	E 1	E 2	E 3	E 4	E 5	Transect Total
Number of tubes	6	6	6	8	8	34
Total area (cm^2)	57.6	57.6	57.6	76.8	76.8	326.4

Cruise III Stations

	C 1	C 2	C 3	C 4	C 5	C 6	C 7	C 8	C 9	C11	C12	Transect Total
Number of tubes	12	12	12	12	12	12	12	12	12	12	11	131
Total area (cm^2)	115.2	115.2	115.2	115.2	115.2	115.2	115.2	115.2	115.2	115.2	105.6	1257.6

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Table B-1. Hydrographic data - Cruises I-V.

MMS HYDROGRAPHIC DATA CRUISE 1

DATE	MMS STATION #	TIME START	POSITION		DEPTH PDR	DEPTH WIRE	TEMP °C	SAL o/oo	SIGMA-t	DO ml/l	TRANS volts	NH4 uM	PO4 uM	NO3 uM	NO2 uM	SILICA uM	POC ugC/l	DOC mgC/l
			LAT	LONG														
11/26	C-1	03:39	28 03.5	90 14.2	298	2	22.62	34.909	23.99	4.99	4.20		0.00	0.0	0.01	1.4	58	
11/26	C-1	03:39	28 03.5	90 14.2	298	25	22.63	34.943	23.99	4.98	4.20		0.00	0.0	0.01	1.2	62	
11/26	C-1	03:39	28 03.5	90 14.2	298	50	23.32	35.545	24.27	4.64	4.27		0.00	0.3	0.22	2.1	44	
11/26	C-1	03:39	28 03.5	90 14.2	298	75	20.54	36.291	25.61	3.63	4.35		0.18	4.9	0.05	4.6	16	
11/26	C-1	03:39	28 03.5	90 14.2	298	100	18.74	36.348	26.14	3.15	4.31		0.44	9.6	0.04	5.8	17	
11/26	C-1	03:39	28 03.5	90 14.2	298	125	17.99	36.336	26.32	3.15	4.39		0.48	11.2	0.03	5.2	17	
11/26	C-1	03:39	28 03.5	90 14.2	298	150	16.09	36.100	26.59	3.11	4.35		0.82	14.2	0.03	6.9	16	
11/26	C-1	03:39	28 03.5	90 14.2	298	175	15.51	36.005	26.64	3.00	4.35		0.91	15.4	0.04	7.7	20	
11/26	C-1	03:39	28 03.5	90 14.2	298	200	14.73	35.918	26.75	2.93	4.23		1.00	16.7	0.05	8.8	2'	
11/26	C-1	03:39	28 03.5	90 14.2	298	250	13.38	35.686	26.89	2.85	4.23		1.16	19.3	0.05	10.7	24	
11/26	C-1	03:39	28 03.5	90 14.2	298	275	12.54	35.543	26.92	2.77	4.35		1.27	20.9	0.05	11.7	32	
11/26	C-1	03:39	28 03.5	90 14.2	298	297	11.63	35.431	27.00	2.75	4.31		1.46	22.6	0.08	13.1	14	
11/26	C-2	18:40	27 54.3	90 05.7	622	2	22.89	35.307	24.22	4.96	4.12		0.00	.0	0.00	0.8	83	
11/26	C-2	18:40	27 54.3	90 05.7	622	60	21.70	36.282	25.28	3.87	4.35		0.07	3.0	0.04	3.4	49	
11/26	C-2	18:40	27 54.3	90 05.7	622	100	18.95	36.363	26.10	3.18	4.39		0.42	10.3	0.00	5.0	28	
11/26	C-2	18:40	27 54.3	90 05.7	622	150	16.63	36.134	26.49	3.05	4.35		0.69	14.4	0.00	6.4	26	
11/26	C-2	18:40	27 54.3	90 05.7	622	200	14.42	35.814	26.73	2.97	4.39		0.98	18.1	0.00	8.5	27	
11/26	C-2	18:40	27 54.3	90 05.7	622	250	12.66	35.574	26.92	2.83	4.39		1.17	20.9	0.00	10.8	27	
11/26	C-2	18:40	27 54.3	90 05.7	622	300	11.63	35.459	27.02	2.73	4.39		1.33	22.7	0.00	12.5	25	
11/26	C-2	18:40	27 54.3	90 05.7	622	400	9.52	35.152	27.17	2.70	4.39		1.63	26.4	0.00	17.0	18	
11/26	C-2	18:40	27 54.3	90 05.7	622	500	8.33	35.015	27.26	2.75	4.35		1.75	27.6	0.01	20.1	21	
11/26	C-2	18:40	27 54.3	90 05.7	622	600	7.55	34.942	27.30	2.87	4.39		1.87	28.2	0.02	21.9		
11/26	C-2	18:40	27 54.3	90 05.7	622	613	7.51	34.928	27.30	2.91	4.39		1.82	28.2	0.04	22.2	25	
11/27	C-3	08:28	27 48.4	90 06.6	860	5	22.88	35.437	24.30	4.90	4.39		0.11	0.3	0.05	1.2	72	
11/27	C-3	08:28	27 48.4	90 06.6	860	50	22.91	36.132	24.82	4.20	4.39		0.11	0.7	0.11	2.9	61	
11/27	C-3	08:28	27 48.4	90 06.6	860	100	18.19	36.333	26.26	3.14	4.39		0.50	10.5	0.03	5.3	70	
11/27	C-3	08:28	27 48.4	90 06.6	860	150	15.58	36.005	26.26	2.98	4.39		0.83	16.6	0.02	7.5	22	
11/27	C-3	08:28	27 48.4	90 06.6	860	200	13.86	35.797	26.85	2.85	4.39		1.03	19.4	0.06	9.3	39	
11/27	C-3	08:28	27 48.4	90 06.6	860	300	11.72	35.450	27.01	2.71	4.39		1.34	24.0	0.04	12.9	31	
11/27	C-3	08:28	27 48.4	90 06.6	860	400	9.67	35.174	27.16	2.68	4.39		1.61	27.2	0.04	16.6	23	
11/27	C-3	08:28	27 48.4	90 06.6	860	500	7.92	34.969	27.28	2.81	4.39		1.77	29.3	0.06	20.3	26	
11/27	C-3	08:28	27 48.4	90 06.6	860	600	7.05	34.902	27.32	3.03	4.39		1.77	29.0	0.05	22.7	46	
11/27	C-3	08:28	27 48.4	90 06.6	860	700	6.27	34.883	27.43	3.30	4.39		1.82	29.2	0.05	24.4	31	
11/27	C-3	08:28	27 48.4	90 06.6	860	800	5.74	34.900	27.52	3.54	4.39		1.70	28.2	0.70	25.5	37	
11/27	C-3	08:28	27 48.4	90 06.6	860	851	5.47	34.887	27.54	3.75	4.39		1.70	26.2	0.06	25.8	32	
11/29	C-4	18:35	27 28.7	89 46.7	1440	50	22.98	35.413	24.27	4.87	4.27		0.01	0.0	0.03	1.5	29	
11/29	C-4	18:35	27 28.7	89 46.7	1440	100	19.79	36.401	25.90	3.35	4.35		0.32	7.7	0.06	4.0	17	
11/29	C-4	18:35	27 28.7	89 46.7	1440	200	13.31	35.679	26.87	2.96	4.35		1.00	21.2	0.02	9.3	20	
11/29	C-4	18:35	27 28.7	89 46.7	1440	300	10.73	35.315	27.09	2.69	4.35		1.33	26.6	0.02	13.4	20	
11/29	C-4	18:35	27 28.7	89 46.7	1440	400	9.15	35.114	27.20	2.70	4.35		1.51	29.5	0.01	16.7	21	
11/29	C-4	18:35	27 28.7	89 46.7	1440	500	7.86	34.964	27.29	2.88	4.35		1.66	31.3	0.01	19.9	18	
11/29	C-4	18:35	27 28.7	89 46.7	1440	600	6.78	34.900	27.39	3.10	4.35		1.68	31.4	0.02	22.9	14	
11/29	C-4	18:35	27 28.7	89 46.7	1440	700	6.13	34.898	27.48	3.34	4.35		1.64	30.8	0.02	23.9	12	
11/29	C-4	18:35	27 28.7	89 46.7	1440	800	5.60	34.899	27.54	3.66	4.39		1.59	29.3	0.02	24.8	21	
11/29	C-4	18:35	27 28.7	89 46.7	1440	900	5.30	34.922	27.60	3.91	4.35		1.54	28.0	0.03	25.4	18	
11/29	C-4	18:35	27 28.7	89 46.7	1440	1200	4.53	34.959	27.72	4.55	4.35		1.41	25.1	0.03	25.4	46	
11/29	C-4	18:35	27 28.7	89 46.7	1440	1364	4.37	34.962	27.74	4.73	4.35		1.33	24.1	0.03	25.3	27	
11/28	C-5	15:40	26 55.3	89 32.9	2535	10	24.44	34.996	23.53	4.81	4.35		0.03	0.1	0.07	2.0	37	
11/28	C-5	15:40	26 55.3	89 32.9	2535	50	24.44	35.951	24.25	4.82	4.35		0.01	0.2	0.05	2.0	33	
11/28	C-5	15:40	26 55.3	89 32.9	2533	100	20.79	36.419	25.65	3.63	4.39		0.21	4.9	0.10	3.4	19	
11/28	C-5	15:40	26 55.3	89 32.9	2535	300	13.32	35.697	26.89	2.93	4.39		1.06	18.6	0.05	10.0	19	
11/28	C-5	15:40	26 55.3	89 32.9	2535	500	9.29	35.114	27.18	2.72	4.39		1.55	21.7	0.05	17.7		
11/28	C-5	15:40	26 55.3	89 32.9	2535	800	6.06	34.896	27.48	3.31	4.39		1.77	26.8	0.04	25.7	10	
11/28	C-5	15:40	26 55.3	89 32.9	2535	1000	5.02	34.927	27.64	4.01	4.39		1.62	24.3	0.03	27.2	31	
11/28	C-5	15:40	26 55.3	89 32.9	2535	1400	4.30	34.966	27.75	4.84	4.39		1.40	21.2	0.03	26.6	16	
11/28	C-5	15:40	26 55.3	89 32.9	2535	1800	4.22	34.977	27.77	5.02	4.39		1.33	20.2	0.02	26.2	28	
11/28	C-5	15:40	25 55.3	89 32.9	2535	2200	4.22	34.977	27.77	5.07	4.39		1.35	20.1	0.04	26.0	39	
11/28	C-5	15:40	26 55.3	89 32.9	2535	2400	4.23	34.975	27.76	5.03	4.39		1.34	20.1	0.03	25.9	27	
11/28	C-5	15:40	26 55.3	89 32.9	2535	2535	4.24	34.974	27.76	5.08	4.39		1.36	20.0	0.03	26.2	41	

Table B-1 (cont'd)

MMS HYDROGRAPHIC DATA CRUISE 2

DATE	MMS	TIME	POSITION		DEPTH	DEPTH	TEMP	SAL	SIGMA-t	DO	TRANS	NH4	PO4	NO3	NO2	SILICA	POC	DOC
	STATION #	START	LAT	LONG	PDR	WIRE	°C	o/oo		ml/l	volts	uM	uM	uM	uM	uM	ugC/l	mgC/l
4/4	W-1	02:57	27 39.8	93 46.5	340	24	20.36	35.852	25.33	5.17	4.35		0.04	0.0	0.11	1.0	41	1.11
4/4	W-1	02:57	27 39.8	93 46.5	340	49	20.40	36.123	25.53	4.77	4.39		0.02	0.0	0.12	1.0	19	0.96
4/4	W-1	02:57	27 39.8	93 46.5	340	74	19.95	36.231	25.73	4.30	4.39		0.18	3.2	0.26	2.1	37	0.96
4/4	W-1	02:57	27 39.8	93 46.5	340	100	19.28	36.270	25.94	3.95	4.43		0.30	5.9	0.20	2.7	11	0.84
4/4	W-1	02:57	27 39.8	93 46.5	340	124	18.18	36.304	26.24	2.98	4.43		0.70	12.5	0.20	4.8	8	0.83
4/4	W-1	02:57	27 39.8	93 46.5	340	173	15.76	36.050	26.63	2.89	4.43		1.05	10.5	0.70	6.8	7	0.75
4/4	W-1	02:57	27 39.8	93 46.5	340	225	14.10	35.805	26.81	2.78	4.43		0.74	19.9	0.90	8.3	8	0.89
4/4	W-1	02:57	27 39.8	93 46.5	340	275	12.79	35.611	26.93	2.72	4.41		1.58	23.0	0.25	10.9	9	0.82
4/4	W-1	02:57	27 39.8	93 46.5	340	334	11.55	35.425	27.02	2.69	4.39		1.92	25.4	0.20	12.8	10	0.84
4/4	W-1	02:57	27 39.8	93 46.5	340	345	11.30	35.397	27.05	2.62	4.43		2.01	25.7	0.28	13.1	9	0.88
4/4	W-1	02:57	27 39.8	93 46.5	340	345	11.30	35.369	27.03	2.66	4.43		2.06	26.0	0.19	13.4	15	0.74
4/4	W-1	02:57	27 39.8	93 46.5	340	345	11.30	35.364	27.02	2.75	4.43		2.17	26.2	0.25	13.4	17	0.76
4/7	W-2	23:45	27 24.9	93 20.9	654	5	20.48	36.001	25.42	5.28	4.43		0.18	0.0	0.29	1.1	29	1.06
4/7	W-2	23:45	27 24.9	93 20.9	654	20	20.48	36.186	25.56	3.99	4.43		0.34	4.9	0.38	2.6	20	0.87
4/7	W-2	23:45	27 24.9	93 20.9	654	60	20.38	36.224	25.61	4.14	4.39		0.31	3.8	0.38	2.2	20	0.87
4/7	W-2	23:45	27 24.9	93 20.9	654	101	18.90	36.207	25.99	3.33	4.45		0.68	14.0	0.14	5.6	20	0.67
4/7	W-2	23:45	27 24.9	93 20.9	654	149	16.87	35.890	26.25	2.84	4.47		1.00	17.7	0.26	8.3	15	0.64
4/7	W-2	23:45	27 24.9	93 20.9	654	199	14.89	35.643	26.51	2.80	4.43		1.22	20.9	0.14	10.2	22	0.62
4/7	W-2	23:45	27 24.9	93 20.9	654	250	13.02	35.492	26.79	2.72	4.45		1.34	22.3	0.13	11.8	12	0.66
4/7	W-2	23:45	27 24.9	93 20.9	654	300	12.03	35.215	26.77	2.59	4.47		1.63	25.7	0.09	15.2	9	0.66
4/7	W-2	23:45	27 24.9	93 20.9	654	397	10.09	35.053	27.00	2.78	4.47		1.80	28.1	0.06	18.1	17	0.69
4/7	W-2	23:45	27 24.9	93 20.9	654	484	8.83	34.908	27.09	3.29	4.47		1.93	29.6	0.04	24.8	25	0.60
4/7	W-2	23:45	27 24.9	93 20.9	654	635	6.31	34.908	27.46	3.38	4.47		1.94	29.8	0.22	25.2	22	0.68
4/7	W-2	23:45	27 24.9	93 20.9	654	647	6.25	34.876	27.44	3.37	4.47		1.97	29.8	0.35	25.2	27	0.79
4/8	W-3	11:50	27 10.6	93 19.5	880	28	20.77	35.001	24.58	5.19	4.39		0.15	0.2	0.09	1.4	38	1.04
4/8	W-3	11:50	27 10.6	93 19.5	880	50	20.22	36.204	25.64	4.39	4.43		0.27	3.9	0.10	2.6	14	0.88
4/8	W-3	11:50	27 10.6	93 19.5	880	102	19.03	36.219	25.96	2.97	4.43		0.66	12.6	0.11	5.8	16	0.77
4/8	W-3	11:50	27 10.6	93 19.5	880	150	17.03	35.802	26.14	2.80	4.47		1.03	17.4	0.15	8.2	24	0.60
4/8	W-3	11:50	27 10.6	93 19.5	880	225	14.10	35.485	26.56	2.70	4.46		1.34	20.4	0.10	11.3	26	0.66
4/8	W-3	11:50	27 10.6	93 19.5	880	300	11.97	35.205	26.77	2.69	4.47		1.62	24.2	0.13	14.9	24	0.65
4/8	W-3	11:50	27 10.6	93 19.5	880	398	9.90	35.016	27.00	2.78	4.47		1.83	26.3	0.12	18.0	14	0.65
4/8	W-3	11:50	27 10.6	93 19.5	880	499	8.42	34.929	27.17	2.97	4.47		1.88	29.3	0.11	21.6	31	0.73
4/8	W-3	11:50	27 10.6	93 19.5	880	600	7.25	34.895	27.32	3.42	4.47		1.92	31.8	0.11	24.5	20	0.58
4/8	W-3	11:50	27 10.6	93 19.5	880	725	6.11	34.924	27.50	3.98	4.47		1.73	29.3	0.14	26.2	28	0.54
4/8	W-3	11:50	27 10.6	93 19.5	880	864	5.13	34.935	27.63	4.07	4.47		1.70	29.6	0.08	25.6	14	0.55
4/8	W-4	22:02	26 43.9	93 19.2	1464	52	20.17	36.096	25.57	5.20	4.39		0.03	0.1	0.01	1.4	31	1.27
4/8	W-4	22:02	26 43.9	93 19.2	1464	99	18.79	36.290	26.08	3.73	4.43		0.46	6.3	0.08	3.7	19	0.83
4/8	W-4	22:02	26 43.9	93 19.2	1464	175	15.50	36.061	26.70	3.08	4.47		0.90	14.2	0.02	6.5	13	0.84
4/8	W-4	22:02	26 43.9	93 19.2	1464	275	12.52	35.532	26.92	2.85	4.47		1.28	20.9	0.02	10.8	14	0.79
4/8	W-4	22:02	26 43.9	93 19.2	1464	401	9.79	35.158	27.13	2.72	4.47		1.63	26.2	0.01	15.6	18	0.68
4/8	W-4	22:02	26 43.9	93 19.2	1464	772	5.78	34.896	27.52	3.57	4.47		1.47	27.0	0.13	25.2	14	0.62
4/8	W-4	22:02	26 43.9	93 19.2	1464	899	5.23	34.916	27.60	3.96	4.47		1.52	26.2	0.03	25.7	14	0.70
4/8	W-4	22:02	26 43.9	93 19.2	1464	1101	4.58	34.949	27.70	4.52	4.47		0.35	23.8	0.02	26.0	14	0.57
4/8	W-4	22:02	26 43.9	93 19.2	1464	1300	4.30	34.965	27.75	4.85	4.47		1.42	23.9	0.07	25.8	17	0.83
4/8	W-4	22:02	26 43.9	93 19.2	1464	1448	4.23	34.971	27.76	4.92	4.47		1.34	25.1	0.17	25.5	8	0.60
4/8	W-4	22:02	26 43.9	93 19.2	1464	1458	4.23	34.970	27.76	4.84	4.47		1.23	23.9	0.13	25.8	17	0.77
4/9	W-5	17:05	26 16.8	93 18.8	2460	25	20.79	36.058	25.38	5.21	4.39		0.12		0.00	1.0	37	0.95
4/9	W-5	17:05	26 16.8	93 18.8	2460	75	19.13	35.996	25.77	4.95	4.39		0.18	1.1	0.27	1.3	26	0.84
4/9	W-5	17:05	26 16.8	93 18.8	2460	150	15.52	36.037	26.67	3.96	4.47		0.75	10.0	0.04	5.0	33	0.82
4/9	W-5	17:05	26 16.8	93 18.8	2460	300	10.86	35.287	27.04	2.55	4.47		1.57	23.8	0.01	14.3	11	0.68
4/9	W-5	17:05	26 16.8	93 18.8	2460	500	7.49	34.951	27.33	2.85	4.47		1.91	28.0	0.00	20.6	13	0.67
4/9	W-5	17:05	26 16.8	93 18.8	2460	1100	4.48	34.951	27.72	4.59	4.47		1.57	23.0	0.00	25.3	12	0.65
4/9	W-5	17:05	26 16.8	93 18.8	2460	1501	4.22	34.974	27.76	4.93	4.47		1.50	21.9	0.00	24.7	9	0.70
4/9	W-5	17:05	26 16.8	93 18.8	2460	1901	4.21	34.971	27.76	5.03	4.47		1.47	21.1	0.00	24.5	8	0.62
4/9	W-5	17:05	26 16.8	93 18.8	2460	2300	4.24	34.979	27.77	5.09	4.47		1.46	20.1	0.00	24.4	10	0.70
4/9	W-5	17:05	26 16.8	93 18.8	2460	2441	4.25	34.981	27.77	5.03	4.47		1.50	19.4	0.00	24.1	25	0.90
4/9	W-5	17:05	26 16.8	93 18.8	2460	2451	4.25	34.993	27.78	5.04	4.47		1.42	18.7	0.01	23.8	31	0.83

BEST COPY AVAILABLE

BEST COPY AVAILABLE

Table B-1 (cont'd)

MMS HYDROGRAPHIC DATA CRUISE 2

DATE	MMS STATION #	TIME START	POSITION LAT	POSITION LONG	DEPTH PDR	DEPTH WIRE	TEMP °C	SAL o/oo	SIGMA-t	DO ml/l	TRANS volts	NH4 uM	PO4 uM	NO3 uM	NO2 uM	SILICA uM	POC ugC/l	DOC mgC/l
4/11	C-1	10:33	28 01.8	90 13.9	384	10	19.29	35.633	25.59	5.63	4.23		0.10	0.5	0.21	1.3	40	1.21
4/11	C-1	10:33	28 01.8	90 13.9	384	25	19.01	35.821	25.78	5.34	4.27		0.06	0.0	0.04	1.0	42	1.19
4/11	C-1	10:33	28 01.8	90 13.9	384	49	19.20	35.974	25.83	5.18	4.31		0.06	0.4	0.23	1.2	39	1.20
4/11	C-1	10:33	28 01.8	90 13.9	384	76	18.27	36.102	26.18		4.29		0.13	4.0	0.08	2.6	19	1.04
4/11	C-1	10:33	28 01.8	90 13.9	384	100	17.26	36.250	26.32	3.12	4.43		0.46	13.2	0.05	5.0	17	0.94
4/11	C-1	10:33	28 01.8	90 13.9	384	124	16.23	36.104	26.48	2.98	4.39		0.61	15.7	0.07	3.3	19	0.86
4/11	C-1	10:33	28 01.8	90 13.9	384	149	15.55	35.995	26.57	3.02	4.26		0.68	17.1	0.05	7.3	25	0.82
4/11	C-1	10:33	28 01.8	90 13.9	384	175	14.53	35.885	26.68	2.96	4.39		0.75	18.5	0.08	8.4	12	0.81
4/11	C-1	10:33	28 01.8	90 13.9	384	225	13.82	35.764	26.69	2.86	4.31		0.83	20.1	0.08	9.9	13	0.72
4/11	C-1	10:33	28 01.8	90 13.9	384	275	12.60	35.582	26.67	2.79	4.33		1.03	22.8	0.09	11.6	13	0.69
4/11	C-1	10:33	28 01.8	90 13.9	384	370	10.07	35.233	27.18	2.75	4.43		1.33	27.6	0.07	15.1	9	0.72
4/11	C-1	10:33	28 01.8	90 13.9	384	380	10.06	35.227	27.45	2.73	4.43		1.32	27.8	0.07	15.4	8	1.00
4/11	C-2	21:29	27 54.9	90 05.7	630	10	20.14	35.662	25.25	5.44	4.25		0.06	0.0	0.03	1.0	32	1.07
4/11	C-2	21:29	27 54.9	90 05.7	630	20	19.62	36.127	25.74	4.67	4.27		0.14	3.0	0.08	2.1	34	1.18
4/11	C-2	21:29	27 54.9	90 05.7	630	59	18.80	36.311	26.07	2.97	4.35		0.50	13.0	0.07	4.5	10	1.02
4/11	C-2	21:29	27 54.9	90 05.7	630	100	17.75	36.051	26.16	3.03	4.44		0.72	16.3	0.04	6.3	10	0.66
4/11	C-2	21:29	27 54.9	90 05.7	630	149	15.62	35.838	26.50	2.96	4.46		0.83	19.3	0.04	6.7	6	1.30
4/11	C-2	21:29	27 54.9	90 05.7	630	200	14.27	35.598	26.61	2.80	4.42		1.08	22.6	0.05	9.0	9	0.80
4/11	C-2	21:29	27 54.9	90 05.7	630	249	12.81	35.481	26.82	2.74	4.42		1.22	24.4	0.05	10.5	10	0.80
4/11	C-2	21:29	27 54.9	90 05.7	630	299	11.93	35.162	26.75	2.62	4.35		0.93	28.3	0.05	14.7	12	0.90
4/11	C-2	21:29	27 54.9	90 05.7	630	400	9.68	34.978	27.01	2.86	4.44		1.67	30.5	0.05	18.5	6	0.72
4/11	C-2	21:29	27 54.9	90 05.7	630	499	8.16	34.902	27.19	3.10	4.47		1.75	30.5	0.05	21.4	6	0.61
4/11	C-2	21:29	27 54.9	90 05.7	630	614	6.77	34.919	27.41	3.18	4.43		1.71	29.7	0.06	21.2	15	0.66
4/11	C-2	21:29	27 54.9	90 05.7	630	625	6.69	34.909	27.41	3.18	4.43		1.74	30.6	0.07	21.5	11	0.81
4/12	C-3	10:22	27 49.2	90 06.8	870	25	19.66	35.761	25.45	5.47	4.23		0.09	0.0	0.01	1.2	47	1.18
4/12	C-3	10:22	27 49.2	90 06.8	870	?	?	35.731	-	5.23	4.47		0.09	0.6	0.42	1.7	30	1.29
4/12	C-3	10:22	27 49.2	90 06.8	870	50	19.24	36.080	25.80	5.01	4.24		0.14	1.2	0.12	1.8		
4/12	C-3	10:22	27 49.2	90 06.8	870	102	17.99	36.284	26.28	3.45	4.43		0.43	9.6	0.06	5.0	11	0.96
4/12	C-3	10:22	27 49.2	90 06.8	870	149	15.93	36.066	26.60	3.28	4.47		0.67	13.3	0.06	6.1	12	0.83
4/12	C-3	10:22	27 49.2	90 06.8	870	224	14.04	35.788	26.81	3.04	4.47		0.92	17.2	0.08	8.6	10	1.20
4/12	C-3	10:22	27 49.2	90 06.8	870	299	11.84	35.467	27.00	2.87	4.47		1.22	22.0	0.06	11.9	24	0.75
4/12	C-3	10:22	27 49.2	90 06.8	870	500	8.25	35.001	27.26	2.85	4.47		1.55	27.8	0.13	20.0	14	0.81
4/12	C-3	10:22	27 49.2	90 06.8	870	599	7.16	34.917	27.35	3.05	4.47		1.74	29.0	0.13	22.7	10	0.63
4/12	C-3	10:22	27 49 2	90 06.8	870	724	5.89	34.898	27.51	3.54	4.43		1.72	27.9	0.09	25.9	21	0.60
4/12	C-3	10:22	27 49.2	90 06.8	870	856	5.26	34.920	27.60	3.96	4.43		1.58	26.4	0.16	26.8	16	0.61
4/12	C-3	10:22	27 49.2	90 06.8	870	868	5.21	34.894	27.59	3.96	4.43		1.58	26.5	0.14	26.6	8	0.74
4/13	C-4	03:26	27 28.7	89 45.5	1430	51	19.85	36.122	25.68	5.29	4.39		0.09	0.0	0.02	1.1	45	1.09
4/13	C-4	03:26	27 28.7	89 45.5	1430	100	18.66	36.352	26.16	3.43	4.43		0.40	9.9	0.06	4.0	12	0.78
4/13	C-4	03:26	27 28.7	89 45.5	1430	174	15.40	35.985	26.66	3.05	4.47		0.71	17.0	0.06	6.8	4	0.89
4/13	C-4	03:26	27 28.7	89 45.5	1430	274	12.20	35.499	26.96	2.90	4.47		1.12	24.9	0.06	11.0	8	0.80
4/13	C-4	03:26	27 28.7	89 45.5	1430	400	9.69	35.131	27.13	2.81	4.47		1.50	30.7	0.05	16.7	5	0.66
4/13	C-4	03:26	27 28.7	89 45.5	1430	574	7.34	34.899	27.31	3.03	4.47		1.74	33.2	0.09	22.4	2	0.76
4/13	C-4	03:26	27 28.7	89 45.5	1430	775	5.77	34.871	27.50	3.68	4.47		1.74	32.0	0.09	26.0	2	0.63
4/13	C-4	03:26	27 28.7	89 45.5	1430	900	5.93	34.891	27.58	3.99	4.47		1.63	29.9	0.07	26.5	13	0.72
4/13	C-4	03:26	27 28.7	89 45.5	1430	1100	4.59	34.924	27.68	4.50	4.47		1.54	27.5	0.06	26.6	9	0.79
4/13	C-4	03:26	27 28.7	89 45.5	1430	1300	4.34	34.938	27.72	4.83	4.47		1.47	26.2	0.09	26.2	5	0.67
4/13	C-4	03:26	27 28.7	89 45.5	1430	1422	4.32	34.940	27.73	4.50	4.47		1.48	26.8	0.07	24.9	7	0.63
4/13	C-4	03:26	27 28.7	89 45.5	1430	1431	4.32	34.940	27.73	4.59	4.47		1.50	27.1	0.06	25.3	26	0.89
4/14	C-5	01:38	26 58.2	89 33.4	2503	26	20.61	36.185	25.52	5.20	4.39		0.07	0.0	0.00	1.3	32	1.23
4/14	C-5	01:38	26 58.2	89 33.4	2503	75	19.46	36.114	25.77	5.12	4.39		0.06	0.2	0.01	1.0	28	1.00
4/14	C-5	01:38	26 58.2	89 33.4	2503	150	17.45	36.241	26.38	3.04	4.47		0.41	11.7	0.02	4.8	12	0.76
4/14	C-5	01:38	26 58.2	89 33.4	2503	300	12.66	35.566	26.92	2.81	4.47		0.90	20.9	0.00	10.0	14	0.75
4/14	C-5	01:32	26 58.2	89 33.4	2503	500	8.70	35.019	27.20	2.78	4.47		1.33	27.9	0.01	17.5	17	0.70
4/14	C-5	01:38	26 58.2	89 33.4	2503	800	5.82	34.872	27.50	3.50	4.47		1.35	28.1	0.00	24.8	11	0.69
4/14	C-5	01:38	26 58.2	89 33.4	2503	1500	4.26	34.944	27.74	4.93	4.47		1.17	22.8	0.00	24.8	17	0.70
4/14	C-5	01:38	26 58.2	89 33.4	2503	1899	4.22	34.949	27.74	5.07	4.47		1.14	22.2	0.00	24.5	18	0.59
4/14	C-5	01:38	26 58.2	89 33.4	2503	2300	4.23	34.952	27.75	5.14	4.43		1.13	21.8	0.00	24.2	7	0.66
4/14	C-5	01:38	26 58.2	89 33.4	2503	2485	4.24	34.952	27.74	5.07	4.35		1.13	22.0	0.00	24.2	12	0.63
4/14	C-5	01:38	26 58.2	89 33.4	2503	2495	4.24	34.952	27.74	4.99	4.35		1.09	21.9	0.01	23.8	12	0.77

Table B-1 (cont'd)

MMS HYDROGRAPHIC DATA CRUISE 2

DATE	MMS STATION #	TIME START	POSITION LAT	LONG	DEPTH FDR	DEPTH WIRE	TEMP °C	SAL o/oo	SIGMA-t	DO ml/l	TRANS volts	NH4 uM	PO4 uM	NO3 uM	NO2 uM	SILICA uM	POC ugC/l	DOC mgC/l
4/15	E-1	20:55	28 27.8	86 01.6	368	11	19.27	35.430	25.30	5.26	4.27		0.11	0.0	0.00	0.7	50	1.10
4/15	E-1	20:55	28 27.8	86 01.6	368	25	19.58	36.070	25.71	5.40	4.35		0.09	0.0	0.00	0.7	29	1.16
4/15	E-1	20:55	28 27.8	86 01.6	368	51	19.13	36.190	25.91	5.23	4.39		0.07	0.0	0.09	0.6	37	1.12
4/15	E-1	20:55	28 27.8	86 01.6	368	75	18.49	36.237	26.12	4.91	4.43		0.16	1.1	0.03	1.2	20	0.97
4/15	E-1	20:55	28 27.8	86 01.6	368	100	18.22	36.253	26.19	4.83	4.47		0.21	1.7	0.03	1.5	13	1.26
4/15	E-1	20:55	28 27.8	86 01.6	368	125	17.74	36.273	26.33	3.96	4.47		0.39	5.8	0.03	3.0	7	0.87
4/15	E-1	20:55	28 27.8	86 01.6	368	151	16.74	36.154	26.48	3.77	4.47		0.48	7.5	0.02	4.8	11	0.80
4/15	E-1	20:55	28 27.8	86 01.6	368	176	16.00	36.091	26.60	3.15	4.47		0.69	11.4	0.02	6.2	13	0.83
4/15	E-1	20:55	28 27.8	86 01.6	368	225	14.26	35.826	26.79	2.89	4.47		0.93	15.5	0.03	8.8	19	0.73
4/15	E-1	20:55	28 27.8	86 01.6	368	274	12.07	35.475	26.96	2.75	4.46		1.18	20.2	0.02	11.6	14	0.69
4/15	E-1	20:55	28 27.8	86 01.6	368	356	10.31	35.246	27.11	2.73	4.39		1.40	23.8	0.03	15.4	20	1.16
4/15	E-1	20:55	28 27.8	86 01.6	368	360	10.23	34.246	27.12	2.71	4.39		1.41	24.4	0.02	15.4	20	0.86
4/16	E-2	21:01	28 16.5	86 15.6	655	11	19.31	35.839	25.60	5.39	4.35		0.03	0.0	0.01	0.9	33	1.13
4/16	E-2	21:01	28 16.5	86 15.6	655	20	19.32	35.838	25.60	5.15	4.35		0.02	0.8	0.28	1.2	36	1.01
4/16	E-2	21:01	28 16.5	86 15.6	655	60	18.84	35.965	25.82	4.48	4.39		0.14	4.4	0.06	2.3	14	0.91
4/16	E-2	21:01	28 16.5	86 15.6	655	100	18.08	36.241	26.22	3.66	4.47		0.33	10.1	0.06	4.6	10	0.86
4/16	E-2	21:01	28 16.5	86 15.6	655	149	17.29	36.227	26.40	3.09	4.47		0.60	15.7	0.06	7.2	9	0.87
4/16	E-2	21:01	28 16.5	86 15.6	655	200	15.50	36.001	26.65	2.87	4.47		0.84	19.1	0.04	9.0	9	0.74
4/16	E-2	21:01	28 16.5	86 15.6	655	244	14.05	35.790	26.80	2.77	4.47		1.12	22.9	0.07	12.3	4	0.60
4/16	E-2	21:01	28 16.5	86 15.6	655	300	11.85	35.444	26.98	2.73	4.47		1.36	26.4	0.07	16.3	11	0.64
4/16	E-2	21:01	28 16.5	86 15.6	655	403	9.57	35.128	27.14	2.82	4.47		1.53	28.1	0.09	19.4	17	0.78
4/16	E-2	21:01	28 16.5	86 15.6	655	498	8.55	35.006	27.21	2.93	4.47		1.65	28.9	0.11	22.9	19	0.66
4/16	E-2	21:01	28 16.5	86 15.6	655	641	7.30	34.896	27.32	3.30	4.63		1.68	28.6	0.08	23.2	11	0.65
4/16	E-2	21:01	28 16.5	86 15.6	655	651	7.29	34.896	27.32	2.98	4.43		1.66	28.5	0.11	23.0	26	0.74
4/17	E-3	01:25	28 09.5	86 25.2	875	27	21.84	36.285	25.26	3.62	4.39		0.04	0.0	0.00	0.8	20	0.83
4/17	E-3	01:25	28 09.5	86 25.2	875	51	19.98	36.322	25.79	3.71	4.39		0.11	2.6	0.20	1.8	18	1.04
4/17	E-3	01:25	28 09.5	86 25.2	875	100	18.03	36.307	26.28	3.37	4.47		0.34	9.1	0.03	4.0	7	0.75
4/17	E-3	01:25	28 09.5	86 25.2	875	150	16.29	36.141	26.58	3.02	4.47		0.56	13.1	0.01	5.5	7	0.60
4/17	E-3	01:25	28 09.5	86 25.2	875	225	13.90	35.726	26.79	2.74	4.47		0.87	18.3	0.01	9.0	7	0.78
4/17	E-3	01:25	28 09.5	86 25.2	875	300	11.74	35.405	26.97	2.79	4.47		1.15	22.4	0.01	12.3	4	0.66
4/17	E-3	01:25	28 09.5	86 25.2	875	400	9.87	35.158	27.12	2.87	4.47		1.41	25.8	0.04	16.2	8	0.58
4/17	E-3	01:25	28 09.5	86 25.2	875	500	8.43	34.988	27.22	3.01	4.47		1.50	27.8	0.04	19.9	8	0.65
4/17	E-3	01:25	28 09.5	86 25.2	875	601	7.10	34.881	27.33	3.33	4.47		1.59	26.8	0.04	23.2	11	0.58
4/17	E-3	01:25	28 09.5	86 25.2	875	727	6.05	34.859	27.46	3.58	4.47		1.54	26.4	0.04	24.9	16	0.58
4/17	E-3	01:25	28 09.5	86 25.2	875	857	5.67	34.870	27.51	4.46	4.47		1.46	27.1	0.04	26.7	11	0.62
4/17	E-3	01:25	28 09.5	86 25.2	875	867	5.65	34.871	27.52	5.00	4.47		1.42	26.9	0.04	24.8	6	0.64
4/17	E-4	18:24	28 04.2	86 34.6	1420	51	18.98	35.940	25.76	5.23	4.33		0.00	0.2	0.12	1.0	27	0.98
4/17	E-4	18:24	28 04.2	86 34.6	1420	100	17.86	36.300	26.32	3.68	4.46		0.24	10.1	0.03	3.6	3	0.84
4/17	E-4	18:24	28 04.2	86 34.6	1420	174	15.65	36.033	26.64	2.66	4.47		0.41	16.0	0.02	5.8	7	0.62
4/17	E-4	18:24	28 04.2	86 34.6	1420	275	12.69	35.570	26.91	2.90	4.47		0.77	23.4	0.03	10.0	7	0.67
4/17	E-4	18:24	28 04.2	86 34.6	1420	400	9.93	35.171	27.12	2.70	4.47		1.18	29.2	0.01	15.0	7	0.67
4/17	E-4	18:24	28 04.2	86 34.6	1420	573	7.63	34.919	27.29	2.89	4.47		1.43	32.4	0.02	20.6	4	0.62
4/17	E-4	18:24	28 04.2	86 34.6	1420	775	5.79	34.864	27.49	3.63	4.47		1.40	31.1	0.02	24.5	2	0.59
4/17	E-4	18:24	28 04.2	86 34.6	1420	901	5.26	34.886	27.58	4.16	4.47		1.34	29.5	0.02	25.1	6	0.68
4/17	E-4	18:24	28 04.2	86 34.6	1420	1100	4.78	34.913	27.65	4.38	4.47		1.23	27.5	0.03	25.2	11	0.60
4/17	E-4	18:24	28 04.2	86 34.6	1420	1299	4.41	34.931	27.71	4.68	4.47		1.12	25.7	0.03	24.6	4	0.58
4/17	E-4	18:24	28 04.2	86 34.6	1420	1402	4.31	34.937	27.73	4.94	4.47		1.08	25.2	0.03	24.5	4	0.56
4/17	E-4	18:24	28 04.2	86 34.6	1420	1415	4.31	34.937	27.73	4.71	4.47		1.06	25.7	0.03	24.1	4	0.64
4/18	E-5	10:47	28 01.4	86 38.3	2990	26	20.34	36.112	25.54	5.19	4.29		0.00	0.1	0.00	0.7	28	0.90
4/18	E-5	10:47	28 01.4	86 38.3	2990	100	17.91	36.205	26.23	4.34	4.43		0.07	6.5	0.02	2.6	13	0.82
4/18	E-5	10:47	28 01.4	86 38.3	2990	200	14.69	35.892	26.74	3.09	4.47		0.52	17.9	0.01	6.9	4	0.80
4/18	E-5	10:47	28 01.4	86 38.3	2990	400	9.81	35.153	27.12	2.73	4.47		1.10	28.5	0.01	15.1	12	0.67
4/18	E-5	10:47	28 01.4	86 38.3	2990	600	7.23	34.888	27.32	2.99	4.47		1.44	32.1	0.01	22.2	2	0.85
4/18	E-5	10:47	28 01.4	86 38.3	2990	900	5.11	34.895	27.60	4.01	4.47		1.34	28.7	0.01	26.0		0.53
4/18	E-5	10:47	28 01.4	86 38.3	2990	1300	4.33	34.938	27.73	4.81	4.47		1.18	24.8	0.01	25.4		0.58
4/18	E-5	10:47	28 01.4	86 38.3	2990	1700	4.25	34.944	27.74	4.97	4.47		1.10	23.9	0.02	25.1	8	0.72
4/18	E-5	10:47	28 01.4	86 38.3	2990	2100	4.25	34.947	27.74	4.97	4.47		1.10	23.3	0.01	24.8	3	0.75
4/18	E-5	10:47	28 01.4	86 38.3	2990	2499	4.27	34.948	27.74	4.98	4.49		1.10	22.8	0.01	24.7	1	0.63
4/18	E-5	10:47	28 01.4	86 38.3	2990	2976	4.30	34.951	27.74	5.10	4.47		1.07	22.3	0.01	25.1	4	0.83
4/18	E-5	10:47	28 01.4	86 38.3	2990	2986	4.30	34.951	27.74	4.77	4.47		1.02	22.8	0.01	23.2	14	1.41

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Table B-1 (cont'd)

MMS HYDROGRAPHIC DATA CRUISE 2

DATE	MMS STATION #	TIME START	POSITION LAT	POSITION LONG	DEPTH PDR	DEPTH WIRE	TEMP °C	SAL o/oo	SIGMA-t	DO ml/l	TRANS volts	NH4 uM	PO4 uM	NO3 uM	NO2 uM	SILICA uM	POC ugC/l	DOC mgC/l
4/11	S-1	01:51	27 42.7	91 31.2	690	632	6.44	34.896	27.43	3.27	4.47		1.68	29.4	0.02	23.8	8	0.65
4/11	S-1	01:51	27 42.7	91 31.2	690	632	6.44	34.896	27.43	3.27	4.47		1.68	29.4	0.02	23.8		
4/11	S-1	01:51	27 42.7	91 31.2	690	657	6.23	34.900	27.47	3.32	4.47		1.68	29.3	0.03	24.3	19	0.78
4/11	S-1	01:51	27 42.7	91 31.2	690	657	6.23	34.900	27.47	3.32	4.47		1.68	29.3	0.03	24.3		
4/11	S-1	01:51	27 42.7	91 31.2	690	672	6.15	34.899	27.48	3.39	4.47		1.69	29.5	0.06	24.6	11	0.65
4/11	S-1	01:51	27 42.7	91 31.2	690	672	6.15	34.899	27.48	3.39	4.47		1.69	29.5	0.06	24.6		
4/11	S-1	01:51	27 42.7	91 31.2	690	676	6.12	34.900	27.48	3.38	4.47		1.68	29.7	0.06	24.6	18	0.80
4/11	S-1	01:51	27 42.7	91 31.2	690	676	6.12	34.900	27.48	3.38	4.47		1.68	29.7	0.06	24.6		
4/11	S-1	01:51	27 42.7	91 31.2	690	680	6.03	34.899	27.49	3.40	4.47		1.69	29.8	0.05	24.7	15	0.72
4/11	S-1	01:51	27 42.7	91 31.2	690	680	6.03	34.898	27.49	3.40	4.47		1.69	29.8	0.05	24.7		
4/11	S-1	01:51	27 42.7	91 31.2	690	682	6.02	34.892	27.49	3.39	4.47		1.70	29.9	0.00	24.5	21	0.87
4/11	S-1	01:51	27 42.7	91 31.2	690	682	6.02	34.892	27.49	3.39	4.47		1.70	29.9	0.00	24.5		

Table B-1 (cont'd)

MMS HYDROGRAPHIC DATA CRUISE 3

DATE	MMS STATION #	TIME START	POSITION		DEPTH PDR	DEPTH WIRE	TEMP °C	SAL o/oo	SIGMA-t	DO ml/l	TRANS volts	NH4 uM	PO4 uM	NO3 uM	NO2 uM	SILICA uM	POC ugC/l	DOC mgC/l
			LAT	LONG														
11/11	C1	20:49	28 01.7	90 14.3	370	10	25.05	35.513	23.73	4.83	4.01	0.14	0.10	0.4	0.03	1.8	26	1.41
11/11	C1	20:49	28 01.7	90 14.3	370	25	25.05	35.513	23.73	4.80	4.01	0.09	0.13	0.0	0.04	1.4	24	1.18
11/11	C1	20:49	28 01.7	90 14.3	370	49	25.02	36.686	24.63	4.77	4.02	0.08	0.14	0.1	0.05	1.4	20	1.19
11/11	C1	20:49	28 01.7	90 14.3	370	100	20.04	36.425	25.86	3.73	4.04	0.08	0.39	0.4	0.05	1.8	13	1.13
11/11	C1	20:49	28 01.7	90 14.3	370	149	17.28	36.279	26.44	3.70	4.05	0.06	0.47	7.1	0.05	3.1	6	1.07
11/11	C1	20:49	28 01.7	90 14.3	370	175	15.91	36.172	26.69	3.20	4.06	0.08	1.14	17.7	0.03	6.6	4	0.88
11/11	C1	20:49	28 01.7	90 14.3	370	225	13.87	35.833	26.88	3.02	4.08	0.06	1.14	17.3	0.02	6.9	5	0.88
11/11	C1	20:49	28 01.7	90 14.3	370	275	12.41	35.557	26.96	3.11	4.09	0.08	1.74	26.3	0.05	11.2	5	1.09
11/11	C1	20:49	28 01.7	90 14.3	370	358	9.53	35.138	27.16	2.74	4.10	0.11	1.74	23.5	0.03	11.3	5	1.27
11/11	C1	20:49	28 01.7	90 14.3	370	368	9.36	35.144	27.19	2.81	4.10	0.07	2.32	30.6	0.04	18.8	5	1.31
11/11	C2	18:38	27 54.7	90 05.9	625	10	25.08	35.517	23.73	5.01	4.00	0.07	0.17	0.1	0.03	1.3	33	2.62
11/11	C2	18:38	27 54.7	90 05.9	625	20	25.08	35.513	23.73	4.78	4.00	0.06	0.18	0.1	0.03	1.1	32	2.84
11/11	C2	18:38	27 54.7	90 05.9	625	51	24.83	35.553	23.83	4.80	4.01	0.06	0.23	0.3	0.03	1.3	26	1.58
11/11	C2	18:38	27 54.7	90 05.9	625	100	18.99	36.359	26.08	3.59	4.03	0.07	0.52	6.2	0.05	2.8	10	1.76
11/11	C2	18:38	27 54.7	90 05.9	625	149	16.71	36.219	26.54	3.28	4.04	0.02	0.95	13.2	0.04	5.0	10	1.88
11/11	C2	18:38	27 54.7	90 05.9	625	200	14.98	35.973	26.74	3.07	4.05	0.01	1.67	22.5	0.05	10.4	12	1.05
11/11	C2	18:38	27 54.7	90 05.9	625	249	13.00	35.700	26.95	2.94	4.06	0.02	1.84	24.1	0.05	11.7	8	0.91
11/11	C2	18:38	27 54.7	90 05.9	625	299	11.82	35.467	27.00	2.90	4.08	0.04	2.00	25.7	0.05	13.6	6	0.71
11/11	C2	18:38	27 54.7	90 05.9	625	400	10.03	35.248	27.16	2.74	4.09	0.11	2.47	24.4	0.03	14.1	6	0.69
11/11	C2	18:38	27 54.7	90 05.9	625	499	8.10	35.004	27.28	2.81	4.10	0.07	2.57	30.9	0.04	22.4	7	0.68
11/11	C2	18:38	27 54.7	90 05.9	625	614	7.07	34.916	27.36	3.04	4.12	0.07	2.23	28.5	0.05	21.7	8	0.74
11/11	C2	18:38	27 54.7	90 05.9	625	625	7.06	34.931	27.38	3.08	4.13	0.08	2.61	32.9	0.05	22.0	8	0.86
11/11	C3	14:43	27 49.2	90 06.9	857	75	21.16	35.671	24.98	3.48	4.04	0.07	0.43	0.5	0.07	2.10	17	1.10
11/11	C3	14:43	27 49.2	90 06.9	857	102	19.11	36.331	26.03	3.68	4.04	0.50	0.54	6.1	0.08	2.94	9	0.86
11/11	C3	14:43	27 49.2	90 06.9	857	149	12.39	36.270	27.52	3.18	4.05	0.10	0.90	12.5	0.08	4.90	7	0.79
11/11	C3	14:43	27 49.2	90 06.9	857	299	11.60	35.486	27.06	2.86	4.07	0.03	2.02	26.6	0.05	13.60	17	2.85
11/11	C3	14:43	27 49.2	90 06.9	857	399	10.72	35.292	27.07	2.73	4.08	0.02	2.31	30.0	0.06	16.90	5	1.48
11/11	C3	14:43	27 49.2	90 06.9	857	500	8.51	35.032	27.24	2.82	4.10	0.01	2.39	31.9	0.05	20.30	7	1.38
11/11	C3	14:43	27 49.2	90 06.9	857	724	6.19	34.889	27.46	3.36	4.12	0.00	2.39	30.9	0.05	26.90	7	1.28
11/11	C3	14:43	27 49.2	90 06.9	857	843	5.64	34.901	27.54	3.71	4.15	0.06	2.15	29.0	0.03	26.90	8	1.37
11/11	C3	14:43	27 49.2	90 06.9	857	852	5.64	34.954	27.58	3.63	4.15	0.07	2.09	28.1	0.04	21.60	9	1.35
11/11	C4	08:35	27 28.4	89 46	1433	51	24.01	36.341	24.67	4.67	4.04	0.06	0.06	0.1	0.03	1.0	35	1.04
11/11	C4	08:35	27 28.4	89 46	1433	100	19.10	36.302	26.01	3.56	4.08	0.06	0.41	6.3	0.05	3.2	9	0.85
11/11	C4	08:35	27 28.4	89 46	1433	174	16.29	36.144	26.58	3.20	4.10	0.09	0.79	11.6	0.04	4.9	12	0.79
11/11	C4	08:35	27 28.4	89 46	1433	274	13.32	35.675	26.87	2.99	4.11	0.08	1.30	19.0	0.04	9.2	7	0.76
11/11	C4	08:35	27 28.4	89 46	1433	400	10.91	35.471	27.18	2.80	4.12	0.06	1.55	20.1	0.03	10.6	4	0.67
11/11	C4	08:35	27 28.4	89 46	1433	574	8.35	34.996	27.24	2.84	4.13	0.06	1.99	25.7	0.04	18.6	6	0.69
11/11	C4	08:35	27 28.4	89 46	1433	900	5.01	34.949	27.65	4.08	4.15	0.04	1.80	23.4	0.03	24.1	9	0.71
11/11	C4	08:35	27 28.4	89 46	1433	1100	4.55	34.975	27.73	4.55	4.16	0.06	1.70	21.9	0.04	23.9	10	0.70
11/11	C4	08:35	27 28.4	89 46	1433	1300	4.33	34.967	27.75	4.91	4.18	0.03	1.57	21.1	0.04	24.2	8	0.68
11/11	C4	08:35	27 28.4	89 46	1433	1431	4.22	34.984	27.78	4.93	4.20	0.05	1.99	28.5	0.04	25.8	10	0.77
11/11	C5	20:47	26 57.8	89 33.4	2505	26	25.84	35.706	23.64	4.79	4.05	0.04	0.09	0.3	0.04	1.3	40	1.26
11/11	C5	20:47	26 57.8	89 33.4	2505	75	20.91	36.282	25.51	4.19	4.05	0.04	0.18	1.4	0.21	2.1	35	1.00
11/11	C5	20:47	26 57.8	89 33.4	2505	150	16.13	36.132	26.61	3.13	4.08	0.06	1.31	17.9	0.07	8.1	21	0.78
11/11	C5	20:47	26 57.8	89 33.4	2505	300	11.62	35.424	27.01	2.82	4.08	0.04	2.00	25.8	0.04	11.8	16	0.81
11/11	C5	20:47	26 57.8	89 33.4	2505	500	8.07	34.874	27.18	2.86	4.09	0.03	2.65	32.1	0.06	23.4	20	0.82
11/11	C5	20:47	26 57.8	89 33.4	2505	800	5.52	34.905	27.56	3.71	4.10	0.04	2.37	30.5	0.04	25.5	19	0.75
11/11	C5	20:47	26 57.8	89 33.4	2505	1100	4.54	34.932	27.70	4.52	4.10	0.04	1.97	22.0	0.03	25.6	14	0.78
11/11	C5	20:47	26 57.8	89 33.4	2505	1500	4.28	34.959	27.74	4.93	4.12	0.08	2.30	23.6	0.03	25.6	17	0.85
11/11	C5	20:47	26 57.8	89 33.4	2505	1899	4.23	34.968	27.76	5.07	4.13	0.01	2.14	25.6	0.05	30.7	28	0.77
11/11	C5	20:47	26 57.8	89 33.4	2505	2300	4.24	34.999	27.78	5.13	4.14	0.06	1.53	22.5	0.04	24.6	26	0.95
11/11	C5	20:47	26 57.8	89 33.4	2505	2485	4.22	34.999	27.78	4.93	4.17	0.03	1.96	20.4	0.03	25.1	25	0.87
11/11	C5	20:47	26 57.8	89 33.4	2505	2495	4.22	34.988	27.78	5.12	4.17	0.06	1.71	22.2	0.04	24.5	17	0.91

Table B-1 (cont'd)

MMS HYDROGRAPHIC DATA CRUISE 4

DATE	MMS	TIME	POSITION		DEPTH	DEPTH	TEMP	SAL	SIGMA-t	DO	TRANS	NH4	PO4	NO3	NO2	SILICA	POC	DOC
	STA #	START	LAT	LONG	PDR	WIRE	°C	o/oo		ml/l	volts	uM	uM	uM	uM	uM	ugC/l	mgC/l
5/9	WC1	15:06	27 43.3	92 53.31	355	25	22.53	35.572	24.52	5.40	4.00	0.00	0.00	0.0	0.00	1.7	42	1.35
5/9	WC1	15:06	27 43.3	92 53.31	355	50	20.17	35.784	25.33	5.38	4.00	0.00	0.00	0.0	0.00	1.4	40	1.17
5/9	WC1	15:06	27 43.3	92 53.31	355	75	19.58	36.027	25.67	4.94	4.00	0.01	0.05	0.5	0.16	2.1	48	1.24
5/9	WC1	15:06	27 43.3	92 53.31	355	100	18.57	36.090	25.98	4.15	4.04	0.01	0.33	6.3	0.05	3.8	33	0.85
5/9	WC1	15:06	27 43.3	92 53.31	355	124	17.77	36.236	26.29	3.17	4.00	0.01	0.65	12.8	0.00	5.2	31	0.81
5/9	WC1	15:06	27 43.3	92 53.31	355	150	16.69	36.162	26.50	3.04	4.04	0.00	0.80	15.1	0.00	6.1	29	0.79
5/9	WC1	15:06	27 43.3	92 53.31	355	175	15.83	36.070	26.63	3.00	4.04	0.00	0.86	15.8	0.03	7.0	23	0.78
5/9	WC1	15:06	27 43.3	92 53.31	355	225	14.25	35.835	26.80	2.90	4.08	0.00	1.12	18.0	0.00	8.8	18	0.76
5/9	WC1	15:06	27 43.3	92 53.31	355	275	12.53	35.587	26.96	2.84	4.08	0.00	1.39	28.8	0.00	11.2	14	0.56
5/9	WC1	15:06	27 43.3	92 53.31	355	342	11.45	35.416	27.04	2.76	4.11	0.00	1.50	30.0	0.00	13.1	16	0.50
5/9	WC1	15:06	27 43.3	92 53.31	355	352	11.39	35.409	27.04	2.75	4.10	0.00	1.39	29.6	0.03	13.3	27	0.57
5/9	WC1	15:06	27 43.3	92 53.31	355	355	11.39	35.405	27.04	2.71	4.10	0.00	1.47	30.1	0.02	13.3	26	0.56
5/9	WC3	20:48	27 36.93	92 20.45	755	24	22.18	35.737	24.75	5.36	4.04	0.03	0.00	0.0	0.00	1.1	50	1.31
5/9	WC3	20:48	27 36.93	92 20.45	755	50	20.90	35.891	25.22	5.46	4.04	0.00	0.00	0.0	0.00	1.1	31	1.37
5/9	WC3	20:48	27 36.93	92 20.45	755	75	19.52	35.909	25.60	4.80	4.04	0.00	0.05	1.5	0.07	2.1	32	0.85
5/9	WC3	20:48	27 36.93	92 20.45	755	100	18.69	36.044	25.92	3.88	4.07	0.00	0.24	7.1	0.04	3.5	21	0.80
5/9	WC3	20:48	27 36.93	92 20.45	755	150	18.70	36.160	26.00	2.99	4.08	0.00	0.68	15.1	0.00	5.9	19	0.75
5/9	WC3	20:48	27 36.93	92 20.45	755	200	14.91	35.916	26.72	2.89	4.08	0.00	0.91	17.3	0.00	7.7	18	0.60
5/9	WC3	20:48	27 36.93	92 20.45	755	275	12.51	35.551	26.94	2.83	4.12	0.00	1.22	28.3	0.00	10.9	11	0.54
5/9	WC3	20:48	27 36.93	92 20.45	755	374	10.11	35.211	27.12	2.78	4.12	0.00	1.54	31.2	0.00	15.2	12	0.53
5/9	WC3	20:48	27 36.93	92 20.45	755	525	8.18	34.983	27.25	3.02	4.16	0.02	1.75	32.5	0.00	19.5	12	0.53
5/9	WC3	20:48	27 36.93	92 20.45	755	740	6.25	34.879	27.45	3.47	4.20	0.02	1.81	32.5	0.00	24.3	14	0.50
5/9	WC3	20:48	27 36.93	92 20.45	755	751	6.20	34.876	27.45	3.50	4.23	0.00	1.65	31.9	0.00	24.3	21	0.58
5/9	WC3	20:48	27 36.93	92 20.45	755	751	6.20	34.865	27.44	3.44	4.23	0.00	1.65	31.9	0.00	24.3	22	0.57
5/9	WC4	08:14	27 43.63	92 07.95	570	10	24.34	35.764	24.14	4.89	4.04	0.00	0.00	0.0	0.00	1.4	43	1.39
5/9	WC4	08:14	27 43.63	92 07.95	570	25	21.56	36.081	25.18	5.48	4.04	0.03	0.00	0.0	0.00	1.2	34	1.40
5/9	WC4	08:14	27 43.63	92 07.95	570	50	20.54	35.837	25.27	5.07	4.05	0.03	0.00	0.0	0.00	1.2	31	1.27
5/9	WC4	08:14	27 43.63	92 07.95	570	75	19.19	35.853	25.64	4.51	4.04	0.03	0.13	2.4	0.13	1.5	28	1.26
5/9	WC4	08:14	27 43.63	92 07.95	570	100	18.62	36.079	25.96	3.58	4.08	0.00	0.41	8.2	0.05	3.7	20	1.25
5/9	WC4	08:14	27 43.63	92 07.95	570	150	17.47	36.177	26.32	2.89	4.08	0.03	0.71	14.6	0.02	5.6	13	0.97
5/9	WC4	08:14	27 43.63	92 07.95	570	200	13.94	35.767	26.81	2.72	4.08	0.05	1.23	26.2	0.02	8.9	12	0.77
5/9	WC4	08:14	27 43.63	92 07.95	570	250	12.66	35.564	26.92	2.62	4.12	0.00	1.36	28.3	0.05	10.5	12	0.74
5/9	WC4	08:14	27 43.63	92 07.95	570	300	11.70	35.419	26.99	2.64	4.12	0.00	1.39	29.4	0.03	12.0	15	0.59
5/9	WC4	08:14	27 43.63	92 07.95	570	400	9.62	35.130	27.14	2.66	4.13	0.00	1.79	31.5	0.02	16.1	15	0.61
5/9	WC4	08:14	27 43.63	92 07.95	570	555	8.03	34.952	27.25	2.81	4.20	0.00	2.02	32.4	0.00	19.9	20	0.66
5/9	WC4	08:14	27 43.63	92 07.95	570	565	7.88	35.937	28.05	2.88	4.20	0.00	1.97	32.2	0.00	20.2	21	0.66
5/9	WC7	02:05	27 48.00	91 24.00	535	10	24.34	36.059	24.36	4.87	3.96	0.03	0.00	0.0	0.00	1.1	47	1.30
5/9	WC7	02:05	27 48.00	91 24.00	535	25	22.73	36.107	24.87	4.97	3.96	0.02	0.00	0.0	0.00	1.1	33	1.21
5/9	WC7	02:05	27 48.00	91 24.00	535	50	21.20	36.052	25.26	4.98	3.96	0.02	0.00	0.0	0.00	1.2	24	1.06
5/9	WC7	02:05	27 48.00	91 24.00	535	75	20.27	36.169	25.60	4.70	3.94	0.02	0.04	0.4	0.07	1.4	29	0.97
5/9	WC7	02:05	27 48.00	91 24.00	535	100	19.23	36.403	26.05	3.38	3.96	0.03	0.39	9.6	0.08	3.6	14	0.81
5/9	WC7	02:05	27 48.00	91 24.00	535	150	16.81	36.158	26.47	3.14	3.92	0.00	0.71	14.6	0.00	5.5	13	0.76
5/9	WC7	02:05	27 48.00	91 24.00	535	200	14.84	35.898	26.72	3.09	3.96	0.00	0.86	17.2	0.05	7.4	12	0.65
5/9	WC7	02:05	27 48.00	91 24.00	535	250	13.15	35.645	26.88	3.01	4.00	0.02	1.23	27.1	0.00	9.6	21	0.87
5/9	WC7	02:05	27 48.00	91 24.00	535	350	10.86	35.297	27.05	3.79	3.96	0.02	1.54	30.4	0.00	13.7	21	0.65
5/9	WC7	02:05	27 48.00	91 24.00	535	425	9.55	35.318	27.30	2.95	4.00	0.03	1.64	31.6	0.00	16.5	19	0.69
5/9	WC7	02:05	27 48.00	91 24.00	535	520	8.28	35.164	27.38	2.89	4.07	0.03	1.72	32.2	0.00	19.7	31	0.70
5/9	WC7	02:05	27 48.00	91 24.00	535	530	8.03	35.164	27.39	2.85	4.08	0.02	1.61	32.1	0.15	19.9	30	0.72
5/10	WC12	05:38	27 21.00	91 31.40	1350	10	23.75	35.685	24.25	5.08	4.07	0.00	0.15	0.0	0.00	1.4	24	1.16
5/10	WC12	05:38	27 21.00	91 31.40	1350	25	22.10	35.964	24.94	4.97	4.06	0.03	0.00	0.0	0.00	1.5	25	1.16
5/10	WC12	05:38	27 21.00	91 31.40	1350	50	21.05	35.954	25.23	4.60	4.08	0.00	0.01	0.0	0.00	1.5	20	1.33
5/10	WC12	05:38	27 21.00	91 31.40	1350	100	19.11	36.131	25.88	4.11	4.07	0.00	0.28	6.5	0.06	3.3	14	0.94
5/10	WC12	05:38	27 21.00	91 31.40	1350	200	14.58	35.908	26.78	3.52	4.08	0.00	0.87	17.3	0.00	8.0	9	0.83
5/10	WC12	05:38	27 21.00	91 31.40	1350	300	11.51	35.436	27.04	2.87	4.16	0.00	1.24	19.6	0.00	12.2	9	0.66
5/10	WC12	05:38	27 21.00	91 31.40	1350	400	9.60	35.159	27.16	5.40	4.20	0.00	1.50	31.8	0.00	16.4	9	0.62
5/10	WC12	05:38	27 21.00	91 31.40	1350	600	6.98	34.915	27.38	4.84	4.23	0.00	1.71	32.7	0.00	23.0	8	0.61
5/10	WC12	05:38	27 21.00	91 31.40	1350	802	5.72	34.906	27.54	3.75	4.23	0.00	1.61	32.1	0.00	25.9	8	0.60
5/10	WC12	05:38	27 21.00	91 31.40	1350	1001	4.87	34.950	27.67	2.79	4.27	0.02	1.46	31.0	0.00	26.8	8	0.51
5/10	WC12	05:38	27 21.00	91 31.40	1350	1330	4.33	34.976	27.75	2.81	4.27	0.00	1.29	39.6	0.00	26.6	11	0.59
5/10	WC12	05:38	27 21.00	91 31.40	1350	1347	4.33	34.975	27.75	2.80	4.27	0.00	1.24	29.3	0.00	26.4	11	0.69

Table B-1 (cont'd)

MMS HYDROGRAPHIC DATA CRUISE 5

DATE	MMS STATION #	TIME START	POSITION		DEPTH PDR	DEPTH WIRE	TEMP °C	SAL o/oo	SIGMA-t	DO ml/l	TRANS volts	NH4 uM	PO4 uM	NO3 uM	NO2 uM	SILICA uM	POC ugC/l
			LAT	LONG													
5/12	E1	19:25	28 27.89	86 03.19	380	25	23.45	36.099	24.66	5.24	4.05	0.00	0.00	0.0	0.00	0.8	50
5/12	E1	19:25	28 27.89	86 03.19	380	50	20.59	36.089	25.45	5.26	4.04	0.01	0.03	0.0	0.00	1.1	43
5/12	E1	19:25	28 27.89	86 03.19	380	75	19.57	36.274	25.86	5.51	4.01	0.00	0.15	3.3	0.15	2.0	37
5/12	E1	19:25	28 27.89	86 03.19	380	101	18.35	36.263	26.17	4.43	4.11	0.01	0.27	6.1	0.04	3.0	30
5/12	E1	19:25	28 27.89	86 03.19	380	125	17.44	36.209	26.35	4.16	4.08	0.00	0.42	9.3	0.01	4.2	30
5/12	E1	19:25	28 27.89	86 03.19	380	149	16.60	35.784	26.23	3.66	4.12	0.00	0.60	13.0	0.00	5.0	27
5/12	E1	19:25	28 27.89	86 03.19	380	175	15.46	36.010	26.67	3.40	4.12	0.00	0.75	15.0	0.00	6.2	25
5/12	E1	19:25	28 27.89	86 03.19	380	227	13.55	35.721	26.86	3.16	4.12	0.00	1.02	18.1	0.00	8.9	24
5/12	E1	19:25	28 27.89	86 03.19	380	275	11.71	35.424	26.99	2.79	4.12	0.00	1.25	27.7	0.00	11.8	25
5/12	E1	19:25	28 27.89	86 03.19	380	360	10.51	35.270	27.09	2.63	4.12	0.02	1.43	29.6	0.00	14.8	22
5/12	E1	19:25	28 27.89	86 03.19	380	371	10.46	35.268	27.10	2.62	4.12	0.00	1.40	29.6	0.01	14.9	24
5/12	E1	19:25	28 27.89	86 03.19	380	371	10.46	35.273	27.10	2.63	4.12	0.00	1.41	29.6	0.00	14.9	24
5/12	E2	19:25	28 15.99	86 15.37	665	11	24.91	35.442	23.72	5.01	4.03	0.00	0.00	0.0	0.00	0.7	53
5/12	E2	19:25	28 15.99	86 15.37	665	19	24.14	35.752	24.19	5.07	4.08	0.00	0.01	0.0	0.00	0.7	38
5/12	E2	19:25	28 15.99	86 15.37	665	60	20.23	36.217	25.65	4.61	4.04	0.00	0.11	4.1	0.22	1.9	33
5/12	E2	19:25	28 15.99	86 15.37	665	100	18.52	36.282	26.14	3.53	4.08	0.00	0.45	10.4	0.03	4.7	27
5/12	E2	19:25	28 15.99	86 15.37	665	151	16.82	36.246	26.53	3.53	4.12	0.00	0.56	12.4	0.00	4.3	25
5/12	E2	19:25	28 15.99	86 15.37	665	200	15.02	35.950	26.72	3.21	4.12	0.00	0.82	15.7	0.00	6.8	24
5/12	E2	19:25	28 15.99	86 15.37	665	250	12.99	35.642	26.91	2.90	4.12	0.00	1.07	18.5	0.01	9.9	20
5/12	E2	19:25	28 15.99	86 15.37	665	300	11.33	35.389	27.04	2.91	4.12	0.00	1.27	27.5	0.00	12.7	23
5/12	E2	19:25	28 15.99	86 15.37	665	400	9.31	35.109	27.17	2.89	4.16	0.00	1.49	29.6	0.00	16.4	24
5/12	E2	19:25	28 15.99	86 15.37	665	500	7.88	34.948	27.27	3.01	4.20	0.00	1.63	30.4	0.00	19.8	24
5/12	E2	19:25	28 15.99	86 15.37	665	648	6.63	34.882	27.40	3.29	4.23	0.00	1.66	30.6	0.00	23.3	24
5/12	E2	19:25	28 15.99	86 15.37	665	661	6.63	34.886	27.40	3.42	4.23	0.00	1.63	30.4	0.00	23.0	25
5/12	E3	03:14	28 09.40	86 25.50	885	24	23.76	36.344	24.75	4.81	4.04	0.00	0.00	0.0	0.00	1.2	32
5/12	E3	03:14	28 09.40	86 25.50	885	50	22.51	36.277	25.06	4.89	4.02	0.00	0.00	0.0	0.00	1.1	33
5/12	E3	03:14	28 09.40	86 25.50	885	100	19.58	36.312	25.89	3.97	4.11	0.00	0.23	4.8	0.12	2.3	16
5/12	E3	03:14	28 09.40	86 25.50	885	150	17.24	36.260	26.44	3.38	4.12	0.00	0.49	12.5	0.00	4.4	13
5/12	E3	03:14	28 09.40	86 25.50	885	226	14.46	35.885	26.79	3.03	4.16	0.00	0.78	16.6	0.00	7.5	10
5/12	E3	03:14	28 09.40	86 25.50	885	300	12.17	35.484	26.95	2.90	4.16	0.00	1.09	20.3	0.00	10.9	8
5/12	E3	03:14	28 09.40	86 25.50	885	400	9.80	35.137	27.11	2.71	4.20	0.01	1.43	29.8	0.00	15.5	8
5/12	E3	03:14	28 09.40	86 25.50	885	500	8.40	34.993	27.23	2.85	4.23	0.00	1.55	30.6	0.13	18.8	9
5/12	E3	03:14	28 09.40	86 25.50	885	603	7.05	34.887	27.34	3.04	4.23	0.00	1.66	31.5	0.00	22.6	11
5/12	E3	03:14	28 09.40	86 25.50	885	725	6.08	34.859	27.45	3.35	4.23	0.01	1.62	31.1	0.01	24.7	10
5/12	E3	03:14	28 09.40	86 25.50	885	870	5.46	34.891	27.56	3.78	4.23	0.00	1.54	30.3	0.00	26.0	10
5/12	E3	03:14	28 09.40	86 25.50	885	880	5.42	34.887	27.56	3.90	4.23	0.00	1.51	30.3	0.00	26.3	13
5/11	E3A	11:18	28 29.20	87 01.99	915	50	23.89	36.369	24.73	4.09	4.04	0.01	0.00	0.0	0.00	0.9	23
5/11	E3A	11:18	28 29.20	87 01.99	915	100	20.28	36.209	25.63	4.00	4.04	0.00	0.08	2.0	0.04	1.5	21
5/11	E3A	11:18	28 29.20	87 01.99	915	150	19.08	36.577	26.22	4.02	4.08	0.00	0.28	8.4	0.00	2.5	17
5/11	E3A	11:18	28 29.20	87 01.99	915	225	15.99	36.141	26.64	3.27	4.09	0.00	0.73	13.9	0.00	5.2	16
5/11	E3A	11:18	28 29.20	87 01.99	915	300	13.63	35.739	26.85	3.16	4.10	0.00	1.12	18.3	0.00	8.6	17
5/11	E3A	11:18	28 29.20	87 01.99	915	400	11.03	35.347	27.06	2.79	4.12	0.00	1.49	28.9	0.00	13.1	11
5/11	E3A	11:18	28 29.20	87 01.99	915	500	8.94	35.074	27.21	2.74	4.16	0.00	1.76	31.0	0.00	17.5	11
5/11	E3A	11:18	28 29.20	87 01.99	915	600	7.73	34.960	27.30	2.99	4.18	0.00	1.86	31.8	0.00	20.6	12
5/11	E3A	11:18	28 29.20	87 01.99	915	725	6.30	34.898	27.45	3.43	4.20	0.00	1.86	31.7	0.00	24.2	12
5/11	E3A	11:18	28 29.20	87 01.99	915	897	5.11	34.926	27.63	3.66	4.23	0.03	1.68	30.2	0.00	26.5	11
5/11	E3A	11:18	28 29.20	87 01.99	915	907	5.10	34.925	27.63	5.24	4.23	0.00	1.59	30.0	0.02	26.4	14
5/11	E3A	11:18	28 29.20	87 01.99	915	907	5.10	34.932	27.63	5.50	4.23	0.02	1.63	30.2	0.00	26.5	14
5/12	E5	07:41	28 07.20	86 42.07	2920	26	25.55	36.365	24.22	4.85	4.00	0.00	0.00	0.0	0.00	1.2	38
5/12	E5	07:41	28 07.20	86 42.07	2920	100	20.26	36.266	25.68	4.45	4.04	0.00	0.05	2.6	0.15	1.9	25
5/12	E5	07:41	28 07.20	86 42.07	2920	199	16.00	36.110	26.62	3.18	4.08	0.00	0.51	14.2	0.10	5.9	19
5/12	E5	07:41	28 07.20	86 42.07	2920	400	10.54	35.259	27.08	2.81	4.12	0.00	1.34	28.5	0.05	14.0	16
5/12	E5	07:41	28 07.20	86 42.07	2920	601	7.21	34.903	27.33	3.05	4.16	0.00	1.50	31.4	0.07	21.9	12
5/12	E5	07:41	28 07.20	86 42.07	2920	900	5.26	34.895	27.58	3.98	4.16	0.00	1.41	30.0	0.03	25.7	9
5/12	E5	07:41	28 07.20	86 42.07	2920	1200	4.42	34.938	27.71	4.73	4.20	0.00	1.24	27.7	0.04	25.9	8
5/12	E5	07:41	28 07.20	86 42.07	2920	1600	4.21	34.953	27.75	5.03	4.20	0.00	1.15	26.6	0.14	25.2	9
5/12	E5	07:41	28 07.20	86 42.07	2920	2001	4.19	34.960	27.76	5.12	4.20	0.01	1.23	26.0	0.00	24.9	9
5/12	E5	07:41	28 07.20	86 42.07	2920	2400	4.20	34.956	27.75	5.14	4.20	0.00	1.13	25.9	0.08	24.8	9
5/12	E5	07:41	28 07.20	86 42.07	2920	2890	4.24	34.960	27.75	5.10	4.20	0.00	1.20	25.4	0.00	24.7	14
5/12	E5	07:41	28 07.20	86 42.07	2920	2915	4.26	34.961	27.75	5.01	4.20	0.00	1.20	25.2	0.00	24.9	15

Table B-2. Sediment data - Cruises I-V.

MMS SEDIMENT DATA CRUISE 1

						*********FRACTIONS*********			*****STATISTICAL PARAMETERS******							
				POSITION					----MEANS------							
DATE	STA #	SAMPLE REP #	DEPTH (m)	LAT	LONG	SAND %	SILT %	CLAY %	ARITHM	GEOMTRIC	KURTOSIS	SKEWNESS	ORG C %	CaCO3 %	DEL 13-C o/oo	WATER %
11/26/83	C-1	1	320	2803.70	9014.10	5.0	16.0	79.0					0.88	25.8	-21.6	59.4
11/26/83	C-1	2	320	2803.70	9014.10	3.7	17.6	78.7	9.3	9.0	6.8	-1.8	0.75	22.5	-21.7	64.9
11/26/83	C-1	3	420	2803.20	9015.20	2.0	16.0	82.0					0.90	11.7	-21.7	61.0
11/26/83	C-1	4	420	2803.20	9015.20	2.0	16.0	82.0					0.70	15.8	-21.8	61.4
11/26/83	C-1	5	356	2803.40	9015.30	1.0	16.0	83.0					0.81	20.0	-21.5	63.1
11/26/83	C-1	6	355	2803.20	9015.20	2.0	15.0	83.0					0.63	18.3	-21.7	69.1
11/26/83	C-2	1	615	2754.30	9005.90	4.5	16.4	79.1	9.3	9.0	7.1	-2.0	0.59	38.3	-21.5	59.4
11/26/83	C-2	2	615	2754.30	9005.90	4.0	17.0	79.0					0.47	45.8	-21.8	64.2
11/26/83	C-2	3	603	2754.40	9006.00	5.4	16.1	78.6	9.3	8.9	6.7	-2.0	0.25	27.5	-21.9	58.9
11/26/83	C-2	4	603	2754.40	9006.00	6.0	16.0	78.0					0.41	33.3	-22.2	64.4
11/26/83	C-2	5	610	2754.30	9006.10	4.8	17.1	78.1	9.3	8.9	7.1	-2.0	0.45	50.8	-20.2	59.7
11/26/83	C-2	6	610	2754.30	9006.10	7.4	15.8	76.9	9.1	8.7	6.3	-1.9			-20.4	61.8
11/26/83	C-2	7	632	2754.30	9006.00	6.2	15.1	78.7	9.2	8.8	6.4	-1.9	0.30	40.8	-20.8	59.6
11/27/83	C-3	1	845	2749.20	9007.20	3.0	16.0	81.0					0.46	32.5	-21.6	56.3
11/27/83	C-3	2	858	2749.20	9007.00	3.0	14.0	83.0					0.38	30.0	-21.6	58.6
11/30/83	C-3	3	853	2749.30	9007.00	3.0	17.0	80.0					0.48	25.0	-21.2	65.8
11/30/83	C-3	4	853	2749.30	9007.00	3.0	18.0	79.0					0.62	25.0	-21.4	56.2
11/30/83	C-3	5	853	2749.60	9006.80	2.0	16.0	83.0					0.58	41.7	-21.7	62.7
11/30/83	C-3	6	853	2749.60	9006.80	2.0	17.0	81.0					0.31	38.3	-21.4	65.9
11/29/83	C-4	1	1440	2728.30	8947.10	9.9	19.1	71.1	8.8	8.2	5.6	-1.7	0.22	63.3	-21.4	61.9
11/29/83	C-4	2	1440	2728.30	8947.10	8.3	19.4	72.3	8.9	8.3	5.7	-1.7	0.11	40.0	-21.8	59.1
11/30/83	C-4	3	1378	2729.10	8946.40	24.6	15.8	59.6	7.3	6.1	2.5	-0.5	0.09	80.0	-20.9	55.7
11/30/83	C-4	4	1378	2729.10	8946.40	19.6	17.0	63.4	8.5	7.4	4.1	-1.5	0.01	79.2	-21.1	53.6
11/30/83	C-4	5	1325	2729.50	8945.60	40.2	11.5	48.4	7.3	5.2	1.9	-0.8	0.60	63.3	-20.7	53.4
11/30/83	C-4	6	1325	2729.50	8945.60	37.1	12.7	50.2	7.5	5.6	2.0	-0.8	0.01	84.2	-20.0	53.0
11/28/83	C-5	1	2470	2658.20	8931.90	3.0	26.0	71.0					0.39	33.3	-22.3	63.8
11/28/83	C-5	2	2490	2657.80	8931.00	3.0	26.0	71.0					0.50	55.0	-22.7	62.4
11/28/83	C-5	3	2490	2657.80	8931.00	3.0	25.0	72.0					0.38		-22.8	57.5
11/28/83	C-5	4	2467	2658.00	8931.80	3.0	27.0	70.0					0.37	78.3	-21.5	58.1
11/28/83	C-5	5	2467	2658.00	8931.80	3.0	26.0	71.0					0.26	58.3	-21.6	59.7
11/28/83	C-5	6	2468	2659.40	8932.60	5.3	26.9	67.8	8.9	8.4	4.1	-1.3	0.32	59.2	-22.6	56.7

Table B-2 (cont'd)

MMS SEDIMENT DATA CRUISE 2

						*********FRACTIONS*********			*****STATISTICAL PARAMETERS******							
				POSITION					----MEANS------							
DATE	STA #	SAMPLE REP #	DEPTH (m)	LAT	LONG	SAND %	SILT %	CLAY %	ARITHM	GEOMTRIC	KURTOSIS	SKEWNESS	ORG C %	CaCO3 %	DEL 13-C o/oo	WATER %
04/04/84	W-1	1	385	2735.00	9333.10	37.1	21.2	41.7	6.8	5.5	1.8	-0.5	0.60	40.0		47.0
04/04/84	W-1	2	385	2735.00	9333.10	38.3	14.8	46.9	7.0	5.6	1.7	-0.5	0.63	33.0		50.3
04/04/84	W-1	3	344	2735.20	9333.00	34.4	20.5	45.1	7.1	5.9	1.8	-0.5	0.64	27.0		49.2
04/07/84	W-2	1	605	2724.90	9320.50	18.1	12.1	69.8	8.6	7.6	4.8	-1.7	0.72	35.0	-23.7	55.9
04/07/84	W-2	2	603	2724.90	9320.40	20.5	18.1	61.4	8.0	6.8	2.5	-1.0	0.62	36.0		53.7
04/07/84	W-2	3	603	2724.90	9320.50	21.7	17.8	60.5	7.9	6.9	3.3	-1.2	0.64	34.0		53.5
04/08/84	W-3	1	860	2710.60	9319.40	9.0	22.3	68.8	8.4	7.9	6.3	-1.7	0.57	26.0	-21.8	59.4
04/08/84	W-3	2	860	2710.60	9319.40	9.4	18.2	72.4	8.6	8.1	7.3	-2.0	0.58	31.0		57.0
04/08/84	W-3	3	841	2710.30	9319.30	15.3	16.3	68.5	8.6	7.6	4.9	-1.7	0.63	37.0		57.8
04/09/84	W-4	1	1419	2644.10	9319.10	9.4	22.1	68.5	8.1	7.6	7.2	-1.9	0.61	34.0	-21.1	57.4
04/09/84	W-4	2	1405	2644.30	9319.10	12.4	16.5	71.2	8.1	7.4	7.8	-2.2	0.50	31.0		55.6
04/09/84	W-4	3	1405	2644.30	9319.10	10.5	15.1	74.5	8.1	7.5	7.3	-2.0	0.47	37.0		50.6
04/09/84	W-5	1	2652	2617.00	9319.30	37.6	13.8	48.6	6.9	5.2	1.9	-0.7	0.40	43.0	-21.4	48.4
04/09/84	W-5	2	2524	2617.00	9319.30	27.7	14.9	57.4	7.2	5.9	2.9	-1.1	0.36	41.0		49.5
04/09/84	W-5	3	2470	2617.20	9319.20	28.3	18.7	53.0	7.4	6.1	3.1	-1.1	0.38	46.0		52.9
04/11/84	C-1	1	358	2803.30	9015.20	1.3	22.6	76.2	9.2	9.0	5.8	-1.5	0.93	7.7		60.2
04/11/84	C-1	2	357	2803.30	9015.20	1.7	20.2	78.1	9.2	9.0	6.1	-1.6	0.92	10.0		60.2
04/11/84	C-1	3	357	2803.30	9015.20	1.4	19.5	79.2	9.2	9.0	5.4	-1.5	0.92	10.0		57.3
04/11/84	C-1	4	358	2803.30	9015.30	2.3	25.2	72.5	9.0	8.7	5.9	-1.5	0.96	8.0		61.1
04/11/84	C-1	5	348	2803.30	9015.30	1.0	22.1	76.9	9.1	8.9	4.7	-1.3	0.92	5.0		62.4
04/11/84	C-1	6	348	2803.30	9015.60	1.2	18.8	80.0	9.3	9.1	6.1	-1.6	0.87	8.0		63.1
04/11/84	C-2	1	595	2754.40	9006.20	8.6	17.2	74.2	8.9	8.3	6.6	-1.9	0.63	42.0		56.8
04/11/84	C-2	2	595	2754.40	9006.20	13.1	20.1	66.8	8.5	7.7	5.1	-1.6	0.79	35.0		58.9
04/11/84	C-2	3	595	2754.50	9006.20	15.8	19.1	65.1	8.6	7.9	4.6	-1.5	0.84	16.0		56.6
04/11/84	C-2	4	595	2754.50	9006.20	11.2	22.2	66.7	8.6	7.9	5.3	-1.6	0.78	19.0		54.6
04/11/84	C-2	5	605	2754.30	9005.90	5.8	19.5	74.7	9.0	8.6	6.6	-1.8	0.88	16.0		59.4
04/11/84	C-2	6	605	2754.30	9005.90	6.7	19.5	73.6	8.9	8.4	6.0	-1.7	0.85	17.0		55.5
04/12/84	C-3	1	834	2749.20	9007.10	2.7	21.6	75.7	9.1	8.8	5.9	-1.6	0.78	12.0		55.8
04/12/84	C-3	2	834	2749.20	9007.10	15.9	23.5	60.5	8.3	7.6	4.1	-1.3	0.79	14.0		56.9
04/12/84	C-3	3	840	2749.40	9007.00	25.5	21.5	53.0	7.5	6.1	3.2	-1.2	0.80	14.0		59.3
04/12/84	C-3	4	840	2749.40	9007.00	2.6	22.7	74.7	9.1	8.8	6.0	-1.5	0.80	13.0		60.7
04/12/84	C-3	5	841	2749.60	9007.10	2.7	25.9	71.4	9.0	8.7	6.2	-1.5	0.76	12.0		60.3
04/12/84	C-3	6	841	2749.60	9007.10	2.6	27.5	69.9	8.8	8.5	5.9	-1.4	0.90	13.0		63.4

Table D-2 (cont'd)

MMS SEDIMENT DATA CRUISE 2

						*********FRACTIONS*********			*****STATISTICAL PARAMETERS******							
				POSITION					----MEANS------							
DATE	STA #	SAMPLE REP #	DEPTH (m)	LAT	LONG	SAND %	SILT %	CLAY %	ARITHM	GEOMTRIC	KURTOSIS	SKEWNESS	ORG C %	CaCO3 %	DEL 13-C o/oo	WATER %
04/13/84	C-4	1	1390	2728.40	8946.80	15.6	16.2	68.3	8.3	7.5	6.3	-1.9	0.56	41.0		59.2
04/13/84	C-4	2	1390	2728.40	8946.80	13.1	17.7	69.2	8.1	7.5	7.4	-2.0	0.48	28.0		59.5
04/13/84	C-4	3	1394	2728.30	8947.00	9.2	17.6	73.3	8.4	7.9	7.4	-1.9	0.54	24.0		57.9
04/13/84	C-4	4	1394	2728.30	8947.00	14.0	26.3	59.7	8.4	7.6	5.3	-1.6	0.66	23.0		57.3
04/13/84	C-4	5	1386	2728.40	8946.90	12.5	20.4	67.0	8.6	7.7	5.9	-1.8	0.61	23.0		57.4
04/13/84	C-4	6	1386	2728.40	8946.90	16.0	24.4	59.6	8.1	7.1	4.0	-1.3	0.52	26.0		57.6
04/14/84	C-5	1	2377	2656.90	8936.20	10.1	39.3	50.7	7.5	6.8	6.5	-1.8	0.63	22.0		57.6
04/14/84	C-5	2	2400	2657.70	8934.20	11.7	28.0	60.4	8.3	7.7	3.5	-1.1	0.83	19.0		54.8
04/14/84	C-5	3	2400	2657.70	8934.20	7.1	27.0	65.9	8.6	9.2	4.8	-1.4	0.76	26.0		57.1
04/14/84	C-5	4	2377	2657.90	8935.10	11.5	25.0	63.5	8.2	7.6	4.6	-1.4	0.69	25.0		58.6
04/14/84	C-5	5	2377	2657.90	8935.10	9.9	30.7	59.4	8.0	7.4	5.1	-1.4	0.72	26.0		59.7
04/14/84	C-5	6	2400	2657.60	8935.10	5.4	32.2	62.4	8.5	8.1	3.8	-1.0	0.56	27.0		60.7
04/16/84	E-1	1	347	2827.70	8601.00	36.3	34.2	29.5	6.2	5.1	1.9	-0.2	0.62	58.9		55.2
04/16/84	E-1	2	357	2827.60	8601.80	35.8	25.9	38.3	6.7	5.6	1.8	-0.3	0.59	100.0		54.9
04/16/84	E-1	3	357	2827.60	8601.80	39.2	33.0	27.7	6.0	4.9	1.9	-0.1	0.65	63.0		55.5
04/16/84	E-2	1	625	2816.70	8615.10	30.9	27.8	41.3	6.8	5.6	2.3	-0.7	0.57	62.0	-19.6	55.8
04/16/84	E-2	2	625	2816.70	8615.10	29.4	22.5	48.1	7.1	5.9	2.5	-0.8	0.47	69.0		57.8
04/16/84	E-2	3	630	2816.60	8615.20	27.2	19.1	53.7	7.3	6.2	2.7	-1.0	0.46	100.0		54.6
04/17/84	E-3	1	845	2809.60	8625.00	27.2	43.7	29.1	6.9	6.1	3.3	-1.0	0.45	62.0	-19.7	56.8
04/17/84	E-3	2	845	2809.60	8625.00	34.3	25.2	40.5	6.9	5.9	2.5	-0.8	0.44	70.0		60.4
04/17/84	E-3	3	847	2809.50	8625.20	26.1	26.5	47.5	7.2	6.0	3.1	-1.1	0.43	74.0		58.7
04/17/84	E-4	1	1330	2804.30	8634.40	31.3	22.3	46.4	7.1	6.1	3.3	-1.2	0.45	98.0	-19.1	58.3
04/17/84	E-4	2	1410	2804.30	8634.80	30.4	16.9	52.8	7.3	6.0	2.4	-0.8	0.32	99.0		57.1
04/18/84	E-4	3	1335	2804.10	8634.40	31.3	22.3	46.4	7.0	6.0	2.7	-0.9				59.5
04/19/84	E-4	4	1358	2804.40	8634.80	27.6	23.4	49.1	7.3	6.1	2.5	-0.8	0.43	60.0		59.1
04/19/84	E-4	5	1358	2804.40	8634.80	26.5	24.4	49.1	7.2	6.4	3.4	-1.1	0.36	62.0		56.5
04/18/84	E-5	1	2853	2800.40	8638.80	23.3	20.2	56.5	7.4	6.3	3.7	-1.3	0.47	80.0	-20.9	54.5
04/18/84	E-5	2	2853	2800.40	8638.80	22.7	17.8	59.5	7.6	6.4	3.8	-1.4	0.65	41.0		59.9
04/18/84	E-5	3	2800	2800.50	8638.90	23.8	14.8	61.4	7.7	6.8	4.8	-1.6	0.71	53.0		59.2
04/18/84	E-5	4	2800	2800.50	8638.90	24.0	16.4	59.6	7.6	6.3	3.5	-1.3	0.41	89.0		58.5

Table B-2 (cont'd)

MMS SEDIMENT DATA CRUISE 3

DATE	STA #	SAMPLE REP #	DEPTH (m)	POSITION		*********FRACTIONS*********			*****STATISTICAL PARAMETERS******				ORG C %	CaCO3 %	DEL 13-C o/oo	WATER %
				LAT	LONG	SAND %	SILT %	CLAY %	----MEANS------ ARITHM	GEOMTRIC	KURTOSIS	SKEWNESS				
11/12/84	C-01	1	361	2804.10	9015.80	0.6	21.4	78.0	9.1	8.9	5.2	-1.3	0.90	14.2	-22.4	38.1
11/12/84	C-01	2	361	2804.10	9015.80	0.5	25.9	73.7	9.1	8.9	4.1	-1.1	0.93	12.5		39.7
11/12/84	C-01	3	352	2804.10	9015.90	0.5	22.8	76.7	9.1	8.9	4.3	-1.2	0.95	11.1		39.5
11/12/84	C-01	4	357	2804.10	9015.90	0.8	22.0	77.3	9.2	9.0	5.2	-1.3	0.99	10.6		43.7
11/12/84	C-01	5	352	2804.10	9015.90	0.4	28.6	71.0	9.1	8.9	3.9	-1.1	1.14	11.9		48.9
11/12/84	C-01	6	352	2804.10	9015.90	0.5	25.0	74.4	9.0	8.8	3.9	-1.1	1.00	11.4		42.9
11/12/84	C-02	1	638	2754.80	9006.40	10.1	22.5	67.3	8.2	7.4	4.5	-1.5	1.03	29.4	-21.6	39.7
11/12/84	C-02	2	638	2754.80	9006.40	10.4	19.5	70.1	8.4	7.5	4.6	-1.6	0.84	32.4		47.3
11/12/84	C-02	3	635	2754.70	9006.40	6.0	19.7	74.3	8.9	8.3	5.6	-1.7	0.87	24.3		47.0
11/12/84	C-02	4	635	2754.70	9006.40	7.0	15.6	77.3	9.0	8.3	6.3	-1.9	0.82	22.5		47.5
11/12/84	C-02	5	625	2754.70	9006.50	7.6	21.2	71.2	8.6	7.7	5.3	-1.7	0.63	29.8		44.5
11/12/84	C-02	6	625	2754.70	9006.50	7.8	25.8	66.4	8.3	7.6	4.9	-1.5	1.00	27.0		36.7
11/13/84	C-03	1	884	2749.50	9097.10	1.3	31.4	67.4	8.6	8.3	4.4	-1.1	0.96	15.6	-21.1	40.1
11/13/84	C-03	2	869	2749.20	9007.10	1.9	24.2	73.9	8.9	8.6	5.8	-1.5	0.85	17.7		35.6
11/13/84	C-03	3	871	2749.60	9007.20	1.4	29.1	69.5	8.8	8.4	4.0	-1.2	0.84	17.3		43.0
11/13/84	C-03	4	885	2749.60	9007.10	1.2	27.8	71.0	8.9	8.6	4.5	-1.1	0.85	18.1		43.5
11/13/84	C-03	5	885	2749.60	9007.10	0.9	29.1	70.1	8.9	8.6	4.0	-1.1	0.85	16.9		41.8
11/13/84	C-03	6	892	2749.50	9007.03	1.9	24.6	73.5	8.7	8.5	7.0	-1.7	0.98	19.5		38.6
11/15/84	C-04	1	1505	2727.60	8947.30	4.4	23.6	72.1	8.8	8.2	6.0	-1.7	0.75	23.9	-21.4	47.3
11/15/84	C-04	2	1443	2728.04	8947.08	6.4	23.9	69.8	8.5	7.8	5.9	-1.8	0.69	29.0		44.8
11/15/84	C-04	3	1443	2728.04	8947.08	5.3	20.4	74.0	8.7	8.0	6.4	-1.9	1.57	30.3		45.4
11/15/84	C-04	4	1432	2728.10	8947.10	7.3	22.0	70.4	8.6	7.8	5.9	-1.7	0.81	33.2		43.9
11/15/84	C-04	5	1482	2727.70	8947.10	4.9	28.6	66.6	8.5	7.9	5.1	-1.5	0.75	34.6		42.9
11/15/84	C-04	6	1482	2727.70	8947.10	4.9	27.6	67.6	8.2	7.7	6.4	-1.6	0.80	33.0		43.2
12/09/84	C-05	1	2482	2657.20	8934.30	1.9	40.1	58.0	8.3	7.9	3.5	-0.8	1.06	13.9	-22.0	37.5
12/09/84	C-05	2	2482	2657.20	8934.30	2.1	41.1	56.7	8.3	8.0	3.3	-0.7	1.03	13.0		38.7
12/09/84	C-05	3	2533	2625.70	8933.90	1.5	35.0	63.5	8.6	8.2	3.1	-0.8	1.04	12.1		39.3
12/09/84	C-05	4	2533	2625.70	8933.90	2.2	30.8	67.0	8.6	8.3	3.3	-1.0	0.99	13.2		35.7
12/09/84	C-05	5	2540	2657.50	8934.20	0.8	39.9	59.4	8.4	8.1	2.8	-0.6	1.22	18.8		35.3
12/09/84	C-05	6	2540	2657.50	8934.20	1.8	41.5	56.8	8.2	7.9	2.6	-0.6	0.79	13.7		37.1
11/12/84	C-06	1	505	2801.80	9005.80	0.6	23.0	76.5	9.1	8.8	4.4	-1.3	1.37	14.9	-21.4	40.2
11/12/84	C-06	2	505	2801.80	9005.80	0.7	19.1	80.2	9.3	9.1	6.8	-1.7	1.36	13.7		43.8
11/12/84	C-06	3	481	2801.70	9006.00	0.9	20.1	79.0	9.2	9.0	5.5	-1.5	1.30	12.4		41.4
11/12/84	C-06	4	481	2801.70	9006.00								1.20	14.0		
11/12/84	C-06	5	489	2801.90	9006.02	0.9	19.1	80.0	9.3	9.1	6.5	-1.7	1.23	13.2		47.3
11/12/84	C-06	6	489	2801.90	9006.02	0.8	21.4	77.8	9.2	9.0	5.4	-1.4	1.13	15.3		44.3

Table B-2 (cont'd)

MMS SEDIMENT DATA CRUISE 3

DATE	STA #	SAMPLE REP #	DEPTH (m)	POSITION LAT	POSITION LONG	*********FRACTIONS********* SAND %	SILT %	CLAY %	*****STATISTICAL PARAMETERS****** ----MEANS------ ARITHM	GEOMTRIC	KURTOSIS	SKEWNESS	ORG C %	CaCO3 %	DEL 13-C o/oo	WATER %
11/14/84	C-07	1	1021	2744.60	8958.90	2.3	28.7	69.0	8.8	8.5	4.9	-1.3	0.83	18.7	-22.5	57.0
11/14/84	C-07	2	1028	2744.10	8959.10	3.2	5.7	91.1	9.7	9.3	14.4	-3.2	1.04	19.6		50.9
11/14/84	C-07	3	1031	2744.47	8959.06	1.1	28.3	70.3	8.8	8.6	5.4	-1.3	0.95	12.7		41.8
11/14/84	C-07	4	1031	2744.47	8959.06	1.7	25.5	71.9	8.9	8.5	8.4	-2.0	0.89	23.2		39.9
11/14/84	C-07	5	1006	2744.60	8959.20	9.8	17.6	72.6	8.2	7.2	5.4	-1.7	0.98	33.7		44.1
11/14/84	C-07	6	1006	2744.60	8959.20	9.1	19.1	71.9	8.4	7.5	5.4	-1.7	0.53	34.6		48.5
11/14/84	C-08	1	1197	2730.40	8949.40	4.9	19.3	75.9	8.9	8.3	6.2	-1.9	0.48	31.8	-21.3	49.5
11/14/84	C-08	2	1197	2730.40	8949.40	6.2	20.5	73.3	8.5	7.8	7.2	-2.0	0.64	25.2		42.3
11/14/84	C-08	3	1231	2730.52	8949.30	12.5	19.2	68.3	8.1	7.0	4.2	-1.5	0.39	27.3		48.1
11/14/84	C-08	4	1231	2730.52	8949.30	14.2	14.1	71.7	8.2	6.9	4.0	-1.5	0.38	25.7		49.2
11/14/84	C-08	5	1146	2730.60	8949.04	6.7	24.1	69.1	8.4	7.8	5.4	-1.6	0.79	23.4		42.0
11/14/84	C-08	6	1146	2730.60	8949.04	5.8	29.8	64.3	8.1	7.5	5.6	-1.6	0.71	22.9		42.2
11/15/84	C-09	1	1506	2729.80	8947.80	7.2	28.1	64.7	8.2	7.4	5.1	-1.6	0.89	29.4	-21.9	44.3
11/15/84	C-09	2	1506	2729.80	8947.80	4.9	23.2	72.0	8.4	7.9	6.4	-1.7	0.78	21.7		43.0
11/15/84	C-09	3	1389	2729.20	8947.80	5.5	28.1	66.5	8.3	7.6	5.2	-1.5	0.80	17.4		42.0
11/15/84	C-09	4	1391	2729.58	8947.89	6.3	28.4	65.4	8.5	7.8	5.1	-1.5	0.82	15.2		37.2
11/15/84	C-09	5	1391	2729.58	8947.89	4.6	28.7	66.7	8.5	8.0	5.8	-1.5	1.01	19.7		39.3
11/15/84	C-09	6	1388	2729.17	8947.40	4.9	27.9	67.3	8.4	7.7	5.3	-1.5	0.83	17.5		46.9
	C-10	NO SAMPLES														
11/16/84	C-11	1	2117	2714.90	8941.40	18.5	29.9	51.6	6.8	5.5	2.6	-0.8	0.77	24.0	-25.2	49.1
11/16/84	C-11	2	2117	2714.90	8941.40	21.6	27.0	51.3	6.7	5.0	2.2	-0.8	0.70	22.6		52.8
11/16/84	C-11	3	2122	2714.70	8941.50	8.0	18.9	73.1	7.8	7.0	6.1	-1.8	1.02	13.3		44.6
11/16/84	C-11	4	2097	2715.00	8941.50	1.2	16.3	82.5	9.2	8.9	7.4	-1.7	0.94	10.2		41.3
11/16/84	C-11	5	2074	2715.00	8941.50	0.6	43.2	56.3	8.3	8.1	7.4	-0.6	0.74	11.3		39.0
11/16/84	C-11	6	2074	2715.00	8941.50	3.4	23.2	73.4	8.0	7.6	7.9	1.9	0.89	11.0		42.5
12/10/84	C-12	1	2959	2622.90	8914.60	11.0	28.7	60.4	8.0	7.2	3.0	-1.0	1.11	19.1	-20.8	33.3
12/10/84	C-12	2	2945	2623.10	8914.20	9.2	37.4	53.4	7.7	7.0	2.7	-0.8	0.83	25.3		40.5
12/10/84	C-12	3	2945	2623.10	8914.20	9.1	37.1	53.8	7.7	7.1	3.0	-0.9	1.00	22.9		37.8
12/10/84	C-12	4	2915	2622.80	8913.90	6.9	30.6	62.6	8.0	7.4	3.5	-1.1	0.95	31.9		32.8
12/10/84	C-12	5	2953	2623.20	8913.90	9.7	29.6	60.7	7.9	7.3	3.0	-1.0	1.20	22.9		39.6
12/10/84	C-12	6	2953	2623.20	8913.90	9.4	34.1	56.5	7.7	7.1	2.9	-0.9	1.16	26.9		43.0

Table B-2 (cont'd)

MMS SEDIMENT DATA CRUISE 4

DATE	STA #	SAMPLE REP #	DEPTH (m)	POSITION LAT	POSITION LONG	*********FRACTIONS********* SAND %	SILT %	CLAY %	*****STATISTICAL ----MEANS------ ARITHM	GEOMTRIC	PARAMETERS****** KURTOSIS	SKEWNESS	ORG C %	CaCO3 %	DEL 13-C o/oo	WATER %
06/07/85	WC- 1	1	379	2743.12	9253.30	9.3	24.3	66.4	8.3	7.5	3.5	-1.2	0.79	32.6	-20.6	43.8
06/07/85	WC- 1	2	375	2743.38	9253.38	4.6	26.1	69.4	8.6	8.1	4.4	-1.3	0.75	28.0		40.3
06/07/85	WC- 1	3	375	2743.38	9253.38	6.6	30.9	62.5	8.2	7.7	3.8	-1.1	0.85	29.4		39.6
06/07/85	WC- 1	4	378	2743.31	9253.47	5.0	20.5	74.5	8.8	8.3	4.9	-1.6	0.87	25.8		39.9
06/07/85	WC- 1	5	378	2743.31	9253.47	5.2	27.1	67.8	8.3	7.8	4.2	-1.3	0.81	29.0		42.2
06/07/85	WC- 1	6	372	2743.29	9253.28	5.8	23.5	70.7	8.5	8.0	4.2	-1.4	0.92	28.8		37.7
06/09/85	WC- 2	1	597	2743.79	9230.32	1.1	20.1	78.7	9.2	9.0	6.6	-1.6	0.89	20.1	-20.4	36.8
06/09/85	WC- 2	2	597	2743.79	9230.32	1.2	20.3	78.5	9.1	8.9	6.9	-1.6	0.86	20.3		35.4
06/09/85	WC- 2	3	591	2743.91	9230.20	0.7	18.7	80.6	9.3	9.1	5.8	-1.6	0.86	18.8		38.0
06/09/85	WC- 2	4	591	2743.91	9230.20	1.3	20.2	78.5	9.1	8.9	6.9	-1.6	0.88	19.8		35.7
06/09/85	WC- 2	5	597	2743.91	9230.02	1.0	23.9	75.0	8.9	8.7	7.5	-1.6	0.87	18.2		36.4
06/09/85	WC- 2	6	597	2743.91	9230.02	1.0	18.5	80.6	9.0	8.8	8.1	-1.7	0.88	15.4		33.8
06/08/85	WC- 3	1	798	2735.56	9221.70	2.2	20.2	77.6	8.9	8.6	8.0	-1.9	0.85	23.9	-20.2	36.2
06/08/85	WC- 3	2	798	2735.56	9221.70	2.3	23.5	74.2	8.8	8.5	7.5	-1.8	0.86	22.0		35.2
06/08/85	WC- 3	3	787	2735.94	9221.55	1.8	23.8	74.4	8.7	8.5	6.5	-1.5	1.03	22.9		34.2
06/08/85	WC- 3	4	801	2735.58	9221.70	1.1	25.6	73.3	8.7	8.4	6.3	-1.4	0.88	21.4		36.8
06/08/85	WC- 3	5	801	2735.58	9221.70	1.5	17.3	81.1	8.8	8.6	9.3	-2.0	0.88	24.8		34.8
06/08/85	WC- 3	6	798	2735.61	9221.76	2.9	21.0	76.2	8.8	8.4	7.7	-1.9	1.03	24.6		35.7
06/09/85	WC- 4	1	594	2743.46	9208.13	1.9	35.4	62.7	8.7	8.4	5.1	-1.2	0.87	20.9	-20.5	
06/09/85	WC- 4	2	594	2743.46	9208.13	1.6	20.1	78.3	9.1	8.9	6.8	-1.7	0.95	20.5		35.5
06/09/85	WC- 4	3	582	2743.52	9207.95	1.1	18.7	80.2	9.1	8.9	7.2	-1.7	1.17	19.6		31.5
06/09/85	WC- 4	4	582	2743.52	9207.95	1.4	22.0	76.7	9.1	8.8	5.5	-1.5	0.97	20.1		38.1
06/09/85	WC- 4	5	582	2743.53	9207.95	1.4	19.2	79.4	9.1	8.8	7.6	-1.8	0.86	21.7		37.7
06/09/85	WC- 4	6	582	2743.53	9207.95	1.2	20.0	78.8	9.2	9.0	6.6	-1.7	0.77	43.2		33.9
06/10/85	WC- 5	1	317	2747.21	9146.20	29.6	17.4	52.6	6.8	5.0	1.7	-0.6	0.79	44.5	-20.1	49.5
06/10/85	WC- 5	2	328	2747.04	9146.09	25.8	19.5	54.7	7.2	5.7	2.0	-0.7	0.82	41.1		46.3
06/10/85	WC- 5	3	328	2747.04	9146.09	26.6	17.0	56.3	7.1	5.7	2.0	-0.7	0.75	42.0		48.3
06/10/85	WC- 5	4	323	2747.09	9146.16	26.3	15.5	56.9	7.1	5.4	2.0	-0.7	0.69	43.3		51.2
06/10/85	WC- 5	5	323	2747.09	9146.16	23.7	16.2	60.1	7.4	6.0	2.1	-0.8	0.75	38.6		50.6
06/10/85	WC- 5	6	326	2747.10	9146.15	7.3	26.6	66.1	8.4	7.7	5.1	-1.5	0.76	27.4		50.2
06/10/85	WC- 6	1	627	2742.72	9133.04	16.8	10.1	73.1	8.0	6.7	3.5	-1.4	0.85	38.2	-22.0	42.2
06/10/85	WC- 6	2	627	2742.72	9133.04	13.9	10.4	75.4	8.0	6.9	4.3	-1.6	0.83	31.3		40.7
06/10/85	WC- 6	3	635	2742.76	9132.96	10.0	16.1	73.9	8.5	7.5	4.6	-1.6	0.80	34.5		36.1
06/10/85	WC- 6	4	635	2742.71	9132.95	26.9	12.1	61.1	7.2	5.2	1.9	-0.8	0.68	44.3		45.5
06/10/85	WC- 6	5	561	2742.61	9133.06	5.8	42.7	51.5	7.8	7.1	3.1	-0.8	0.76	23.7		50.1
06/10/85	WC- 6	6	561	2742.61	9133.06	10.4	40.5	49.1	7.4	6.4	2.8	-0.8	0.86	28.0		48.6

Table B-2 (cont'd)

MMS SEDIMENT DATA CRUISE 4

DATE	STA #	SAMPLE REP #	DEPTH (m)	POSITION LAT	POSITION LONG	FRACTIONS SAND %	FRACTIONS SILT %	FRACTIONS CLAY %	STATISTICAL PARAMETERS MEANS ARITHM	STATISTICAL PARAMETERS MEANS GEOMTRIC	STATISTICAL PARAMETERS KURTOSIS	STATISTICAL PARAMETERS SKEWNESS	ORG C %	CaCO3 %	DEL 13-C o/oo	WATER %
06/11/85	WC- 7	1	493	2745.61	9113.12	14.6	23.2	62.3	7.9	6.6	3.5	-1.2	0.76	30.6	-22.2	37.6
06/11/85	WC- 7	2	493	2745.61	9113.12	13.3	24.0	62.7	7.9	6.8	3.7	-1.3	0.98	24.8		36.9
06/11/85	WC- 7	3	500	2745.81	9113.13	10.8	19.1	70.2	8.4	7.4	4.6	-1.6	0.82	33.5		40.9
06/11/85	WC- 7	4	500	2745.81	9113.13	16.0	21.3	62.7	7.7	6.4	3.3	-1.2	1.12	26.3		38.7
06/11/85	WC- 7	5	510	2745.61	9113.44	3.9	29.1	67.0	8.4	8.0	6.3	-1.6	0.89	19.7		42.8
06/11/85	WC- 7	6	496	2745.65	9113.19	16.3	20.1	63.6	7.8	6.5	3.2	-1.2	0.87	30.1		36.7
06/13/85	WC- 8	1	582	2750.50	9044.12	2.7	23.7	73.6	8.8	8.4	6.7	-1.7	0.93	21.5	-21.4	34.7
06/13/85	WC- 8	2	582	2750.50	9044.12	2.2	21.0	76.8	9.2	8.8	6.6	-1.8	0.89	21.0		33.3
06/13/85	WC- 8	3	588	2750.38	9044.02	2.7	18.2	79.1	9.1	8.8	7.4	-1.9	0.87	19.3		38.2
06/13/85	WC- 8	4	588	2750.38	9044.02	2.1	20.9	76.9	9.0	8.7	6.6	-1.8	0.94	19.0		38.5
06/13/85	WC- 8	5	592	2750.49	9044.10	3.8	19.5	76.7	8.8	8.4	7.1	-1.9	0.91	20.8		37.2
06/13/85	WC- 8	6	592	2750.49	9044.10	2.1	17.5	80.4	9.2	8.8	7.1	-1.9	0.88	18.2		38.4
06/11/85	WC- 9	1	827	2741.62	9117.89	1.1	25.1	73.8	8.9	8.7	6.7	-1.5	1.04	22.1	-20.5	36.6
06/11/85	WC- 9	2	827	2741.62	9117.89	1.4	19.9	78.7	9.1	8.9	7.5	-1.7	1.04	21.8		36.5
06/11/85	WC- 9	3	812	2741.61	9117.95	1.5	22.7	75.8	8.9	8.7	6.7	-1.6	0.95	20.4		36.0
06/11/85	WC- 9	4	902	2741.29	9117.76	1.3	19.3	79.4	9.1	8.9	7.3	-1.7	0.93	20.7		36.1
06/11/85	WC- 9	5	844	2741.53	9117.85	1.5	20.3	78.2	9.1	8.8	6.9	-1.7	0.93	20.2		32.5
06/11/85	WC- 9	6	844	2741.53	9117.85	1.3	19.5	79.2	9.2	8.9	6.4	-1.7	0.95	20.4		38.1
06/12/85	WC-10	1	862	2745.38	9047.79	2.0	22.5	75.4	9.0	8.7	6.9	-1.7	0.93	15.9	-20.5	34.2
06/12/85	WC-10	2	822	2745.15	9047.57	1.7	18.7	79.5	9.0	8.7	6.9	-1.8	1.01	21.5		33.3
06/12/85	WC-10	3	811	2745.29	9047.63	1.7	15.9	82.4	9.3	9.0	8.4	-2.1	0.99	18.2		34.4
06/12/85	WC-10	4	811	2745.29	9047.63	2.0	20.3	77.6	9.1	8.8	7.5	-1.8	0.99	20.0		35.1
06/12/85	WC-10	5	815	2745.31	9047.68	2.1	19.4	78.5	9.0	8.6	8.4	-2.0	1.01	19.4		37.1
06/12/85	WC-10	6	796	2745.24	9047.81	2.3	18.4	79.3	9.2	8.8	7.3	-1.9	1.10	19.3		34.7
06/08/85	WC-11	1	1363	2723.50	9244.25	3.3	23.4	73.3	8.7	8.3	7.8	-1.9	0.92	28.9	-20.8	33.7
06/08/85	WC-11	2	1359	2723.63	9244.32	2.4	23.9	73.7	8.6	8.3	8.7	-2.0	0.98	25.7		35.3
06/08/85	WC-11	3	1359	2723.56	9244.36	3.5	31.6	65.0	8.4	8.0	6.3	-1.6	0.87	24.4		34.4
06/08/85	WC-11	4	1336	2723.67	9244.43	1.9	23.3	74.8	8.7	8.4	8.7	-2.0	0.85	16.5		37.1
06/08/85	WC-11	5	1310	2723.55	9244.41	1.9	20.3	77.8	8.9	8.6	8.2	-1.9	0.85	28.9		37.3
06/08/85	WC-11	6	1310	2723.55	9244.41	2.4	20.6	76.9	8.9	8.6	9.4	-2.1	0.88	27.8		35.3
06/13/85	WC-12	1	1347	2719.96	9132.77	4.8	22.5	72.8	8.5	8.0	7.3	-2.0	0.82	31.5	-21.3	32.1
06/13/85	WC-12	2	1247	2719.68	9133.03	6.0	18.5	75.6	8.5	8.0	7.3	-2.1	0.77	33.8		34.9
06/13/85	WC-12	3	1296	2719.91	9132.88	7.0	22.7	70.3	8.3	7.6	6.2	-1.8	0.76	33.8		39.6
06/13/85	WC-12	4	1296	2719.91	9132.88	6.1	23.4	70.4	8.3	7.7	6.8	-1.9	0.78	32.8		36.7
06/13/85	WC-12	5	1246	2719.74	9133.04	5.5	22.3	72.2	8.5	7.9	7.5	-2.0	0.70	31.4		35.6
06/13/85	WC-12	6	1246	2719.74	9133.04	5.9	24.5	69.6	8.2	7.7	6.9	-1.9	0.68	28.9		35.7

Table B-2 (cont'd)

MMS SEDIMENT DATA CRUISE 5

						*********FRACTIONS*********			*****STATISTICAL PARAMETERS******							
DATE	STA #	SAMPLE	DEPTH	POSITION		SAND	SILT	CLAY	----MEANS------				ORG C	CaCO3	DEL 13-C	WATER
		REP #	(m)	LAT	LONG	%	%	%	ARITHM	GEOMTRIC	KURTOSIS	SKEWNESS	%	%	o/oo	%
05/14/85	E-1	1	378	2827.48	8601.56	20.8	31.2	48.1	6.9	5.8	1.8	-0.4	0.73	66.8	-19.3	51.1
05/14/85	E-1	2	378	2827.48	8601.56	17.7	34.0	48.3	7.0	6.0	1.9	-0.4	0.87	64.6		50.7
05/14/85	E-1	3	378	2827.46	8601.51	20.1	25.2	54.7	7.1	6.0	2.3	-0.8	0.89	64.2		44.0
05/14/85	E-1	4	378	2827.46	8601.51	26.3	32.4	40.9	6.5	5.4	1.8	-0.2	0.81	55.4		51.2
05/14/85	E-1	5	378	2827.51	8601.45	22.8	29.1	48.2	6.9	5.8	1.8	-0.4	0.86	60.9		50.1
05/14/85	E-1	6	378	2827.51	8601.45	26.2	31.1	42.7	6.6	5.6	1.6	-0.2	0.86	50.2		55.8
05/14/85	E-1a	1	383	2853.34	8623.55	7.8	34.4	57.9	7.9	7.4	3.6	-1.0	1.00	44.4	-20.6	47.0
05/14/85	E-1a	2	383	2853.34	8623.55	8.7	25.7	65.7	8.1	7.4	4.0	-1.3	0.88	42.2		43.6
05/14/85	E-1a	3	379	2853.35	8623.50	9.0	27.4	63.5	8.1	7.3	3.5	-1.2	0.65	41.4		46.4
05/14/85	E-1a	4	379	2853.35	8623.50	7.3	36.8	55.9	7.9	7.3	3.7	-1.1	0.61	42.6		46.5
05/14/85	E-1a	5	379	2853.48	8623.56	11.5	22.1	66.3	8.0	7.1	3.7	-1.3	0.97	40.8		46.9
05/14/85	E-1a	6	379	2853.48	8623.56	9.2	28.2	62.5	8.0	7.2	3.8	-1.2	1.00	39.2		45.9
05/14/85	E-1b	1	375	2820.08	8546.85	25.4	35.6	39.0	6.4	5.4	1.7	-0.1	0.81	50.6	-20.1	51.1
05/15/85	E-1b	2	373	2820.12	5846.83	30.1	30.4	39.6	6.3	5.2	1.6	-0.1	1.01	59.2		55.2
05/15/85	E-1b	3	380	2820.08	8546.82	22.6	35.6	41.8	6.6	5.6	1.7	-0.2	0.98	56.1		54.8
05/15/85	E-1b	4	380	2820.08	8546.82	30.6	31.0	38.5	6.3	5.2	1.5	.0	0.66	57.8		55.1
05/15/85	E-1b	5	380	2819.95	8546.63	28.1	32.3	39.6	6.2	5.2	1.6	.0	0.72	57.5		55.6
05/15/85	E-1b	6	375	2819.86	8546.35	26.2	31.1	42.7	6.6	5.6	1.6	-0.2	0.64	63.8		55.8
05/15/85	E-1c	1	381	2812.24	8531.47	26.2	35.6	38.1	6.2	5.1	1.7	.0	0.74	65.2	-20.6	52.4
05/15/85	E-1c	2	384	2812.00	8531.52	22.4	35.1	42.5	6.6	5.6	1.7	-0.2	0.54	62.8		51.2
05/15/85	E-1c	3	384	2812.00	8531.52	35.6	20.0	44.4	6.4	5.1	1.5	-0.2	0.80	65.7		54.1
05/15/85	E-1c	4	383	2812.25	8531.52	34.6	27.4	37.8	5.9	4.7	1.6	.0	0.64	68.2		55.4
05/15/85	E-1c	5	383	2812.25	8531.52	34.7	32.2	33.1	5.8	4.7	1.6	0.1	0.73	63.5		52.2
05/15/85	E-1c	6	383	2812.07	8531.50	34.3	30.7	34.9	6.0	4.9	1.6	0.1	0.65	64.9		52.6
05/18/85	E-2	1	658	2816.80	8614.88	20.1	25.2	54.7	7.1	6.0	2.3	-0.8	0.59	55.2	-20.2	44.0
05/18/85	E-2	2	663	2816.78	8614.77	16.5	25.0	58.5	7.2	6.2	2.7	-0.9	0.62	56.4		46.1
05/18/85	E-2	3	656	2816.77	8614.76	17.3	22.7	60.0	7.4	6.4	2.5	-0.9	0.53	54.4		45.7
05/18/85	E-2	4	656	2816.77	8614.76	17.1	22.7	60.3	7.2	6.3	2.7	-1.0	0.62	51.6		45.8
05/18/85	E-2	5	661	2816.84	8614.67	20.4	23.6	55.9	7.0	5.9	2.3	-0.8	0.57	53.9		46.3
05/18/85	E-2	6	661	2816.84	8614.67	19.0	22.4	58.6	7.3	6.2	2.3	-0.8	0.76	58.0		43.2
05/13/85	E-2a	1	650	2835.36	8646.43	9.6	20.1	70.3	8.3	7.5	4.2	-1.4	0.91	41.8	-20.0	43.7
05/13/85	E-2a	2	652	2835.40	8646.40	9.0	18.7	72.3	8.3	7.7	4.6	-1.5	0.99	42.8		40.7
05/13/85	E-2a	3	625	2835.27	8646.40	10.8	19.7	69.5	8.1	7.3	4.3	-1.5	0.92	45.8		44.3
05/13/85	E-2a	4	625	2835.27	8646.40	10.5	27.4	62.1	7.9	7.0	3.9	-1.3	0.99	38.5		41.7
05/13/85	E-2a	5	624	2835.44	8644.45	10.7	22.1	67.3	8.1	7.2	3.5	-1.3	0.93	50.6		47.2
05/13/85	E-2a	6	624	2835.44	8644.45	8.1	24.8	67.2	8.1	7.4	3.8	-1.3	1.01	44.7		40.1

Table B-2 (cont'd)

MMS SEDIMENT DATA CRUISE 5

						*********FRACTIONS*********			*****STATISTICAL PARAMETERS******							
DATE	STA #	SAMPLE REP #	DEPTH (m)	POSITION LAT	LONG	SAND %	SILT %	CLAY %	----MEANS------ ARITHM	GEOMTRIC	KURTOSIS	SKEWNESS	ORG C %	CaCO3 %	DEL 13-C o/oo	WATER %
05/19/85	E-2b	1	655	2818.04	8618.65	17.3	25.4	57.4	7.1	6.0	2.4	-0.8	0.65	48.7	-20.5	43.0
05/19/85	E-2b	2	657	2818.64	8618.15	12.9	26.5	60.6	7.5	6.7	3.0	-1.0	0.87	54.0		44.2
05/19/85	E-2b	3	652	2818.80	8618.18	17.4	24.5	58.1	7.1	6.1	2.4	-0.8	0.78	56.5		43.5
05/19/85	E-2b	4	662	2817.47	8618.07	20.2	18.4	61.4	7.2	6.1	2.5	-0.9	1.04	62.1		43.2
05/19/85	E-2b	5	657	2818.70	8618.17	14.0	25.0	61.1	7.5	6.6	2.8	-1.0	0.74	60.5		49.5
05/19/85	E-2b	6	657	2818.70	8618.17	18.2	28.2	53.7	7.1	6.1	2.4	-0.8	0.66	59.2		44.0
05/16/85	E-2c	1	658	2814.83	8609.79	21.1	25.0	53.9	7.1	5.9	2.1	-0.7	0.48	62.4	-21.6	47.7
05/16/85	E-2c	2	658	2814.83	8609.79	21.7	22.8	55.5	6.9	5.7	2.1	-0.7	0.46	64.1		49.0
05/17/85	E-2c	3	691	2814.75	8609.48	19.3	21.2	59.5	7.4	6.3	2.3	0.8	0.50	63.6		47.6
05/17/85	E-2c	4	670	2814.79	8609.60	13.1	25.9	61.1	7.6	6.7	2.8	-1.0	0.42	65.5		46.5
05/17/85	E-2c	5	670	2814.79	8609.60	16.3	21.7	62.0	7.6	6.6	2.6	-1.0	0.88	59.5		47.2
05/17/85	E-2c	6	673	2814.86	8609.48	14.0	23.6	62.4	7.6	6.6	2.6	-1.0	0.93	61.4		46.7
05/16/85	E-2d	1	679	2807.10	8553.08	21.5	24.7	53.8	6.8	5.6	2.1	-0.6	0.83	62.8	-19.6	49.8
05/16/85	E-2d	2	678	2807.79	8552.35	28.2	20.1	51.6	6.7	5.3	1.7	-0.5	0.77	69.4		48.2
05/16/85	E-2d	3	688	2807.58	8552.30	18.1	37.0	44.9	6.9	5.9	2.2	-0.6	0.92	66.5		49.7
05/16/85	E-2d	4	688	2807.58	8552.30	25.8	29.9	44.3	6.5	5.3	1.9	-0.5	0.86	72.7		50.0
05/16/85	E-2d	5	677	2807.34	8552.34	18.4	24.4	57.2	7.1	6.0	2.2	-0.8	1.04	63.8		49.4
05/16/85	E-2d	6	670	2807.83	8552.30	22.2	22.9	55.0	7.0	5.8	2.1	-0.7	0.99	70.2		49.6
05/15/85	E-2e	1	667	2802.74	8540.11	14.8	25.1	60.0	7.6	6.5	2.6	-0.9	0.98	66.3	-19.7	45.6
05/15/85	E-2e	2	667	2802.74	8540.11	15.0	25.2	59.8	7.6	6.6	2.6	-0.9	1.07	63.0		46.7
05/15/85	E-2e	3	658	2802.90	8539.97	18.3	21.4	60.2	7.5	6.4	2.4	-0.9	0.62	63.6		49.2
05/15/85	E-2e	4	658	2802.90	8539.97	13.7	26.2	60.1	7.5	6.6	2.7	-0.9	0.64	57.4		47.7
05/15/85	E-2e	5	661	2802.19	8540.93	18.5	24.5	57.0	7.3	6.2	2.5	-0.8	0.65	60.9		48.5
05/15/85	E-2e	6	661	2802.19	8540.98	19.0	23.3	57.8	7.2	6.1	2.3	-0.8	0.56	64.3		49.3
05/18/85	E-3	1	938	2809.37	8624.68	10.9	20.8	68.3	7.9	7.1	3.7	-1.3	0.61	56.3	-18.9	48.0
05/18/85	E-3	2	924	2809.30	8624.82	12.1	23.5	64.4	7.6	6.8	3.9	-1.3	0.75	59.2		46.1
05/18/85	E-3	3	886	2809.42	8625.08	13.1	21.1	65.8	7.6	6.7	3.7	-1.3	0.64	56.0		47.1
05/18/85	E-3	4	902	2809.35	8624.90	11.8	33.0	55.3	7.3	6.5	3.6	-1.1	0.64	60.3		47.6
05/18/85	E-3	5	902	2809.35	8624.90	10.8	20.3	68.9	7.9	7.1	4.0	-1.4	0.70	57.9		43.8
05/18/85	E-3	6	886	2809.42	8625.08	12.2	21.5	66.3	7.6	6.9	3.4	-1.2	0.73	54.1		43.8
05/12/85	E-3a	1	909	2829.29	8700.02	9.9	20.3	69.9	8.2	7.4	4.2	-1.4	1.14	47.6	-20.2	40.0
05/12/85	E-3a	2	909	2829.29	8700.02	8.7	17.6	73.7	8.1	7.5	4.9	-1.6	1.20	44.6		44.3
05/12/85	E-3a	3	918	2828.78	8700.02	11.0	16.8	72.2	8.2	7.4	4.2	-1.5	1.26	44.2		37.7
05/12/85	E-3a	4	918	2828.78	8700.02	14.1	15.3	70.6	8.1	7.0	3.6	-1.4	0.93	50.0		45.5
05/12/85	E-3a	5	900	2828.46	8700.04	11.2	18.1	70.8	7.8	7.0	3.9	-1.4	0.88	50.5		43.2
05/12/85	E-3a	6	900	2828.46	8700.04	11.2	24.1	64.7	8.0	7.1	3.6	-1.2	0.97	50.4		46.1

Table B-2 (cont'd)

MMS SEDIMENT DATA CRUISE 5 :

						*********FRACTIONS*********			*****STATISTICAL PARAMETERS******							
DATE	STA #	SAMPLE	DEPTH	POSITION		SAND	SILT	CLAY	----MEANS------				ORG C	CaCO3	DEL 13-C	WATER
		REP #	(m)	LAT	LONG	%	%	%	ARITHM	GEOMTRIC	KURTOSIS	SKEWNESS	%	%	o/oo	%
05/18/85	E-3b	1	942	2807.09	8619.25	14.0	31.6	54.4	7.3	6.3	2.8	-0.9	0.61	60.1	-20.3	42.6
05/18/85	E-3b	2	942	2807.09	8619.25	18.2	22.9	58.8	7.2	6.1	2.7	-1.0	0.61	58.0		45.8
05/18/85	E-3b	3	920	2807.15	8619.44	15.8	27.5	56.7	7.2	6.2	2.9	-1.0	0.46	59.1		48.0
05/18/85	E-3b	4	920	2807.15	8619.44	18.1	28.4	53.5	7.1	6.0	2.7	-0.9	0.51	56.4		46.9
05/18/85	E-3b	5	933	2807.06	8619.13	18.7	23.2	58.1	7.0	5.8	2.6	-0.9	0.53	58.5		45.6
05/18/85	E-3b	6	913	2807.10	8619.37	26.9	27.3	45.9	6.3	4.4	2.0	-0.7	0.44	57.0		47.1
05/20/85	E-3c	1	911	2815.49	8636.69	10.5	23.5	66.0	7.8	7.1	3.5	-1.2	0.59	57.4	-20.1	42.1
05/20/85	E-3c	2	882	2815.77	8636.85	18.3	29.1	52.6	7.2	6.1	2.6	-0.9	0.34	59.1		41.1
05/20/85	E-3c	3	882	2815.77	8636.85	12.7	26.7	60.6	7.6	6.7	3.3	-1.1	0.43	56.0		45.4
05/20/85	E-3c	4	881	2815.80	8636.96	15.1	21.0	63.9	7.6	6.6	3.1	-1.1	0.77	55.9		44.4
05/20/85	E-3c	5	881	2815.80	8636.96	16.4	29.8	53.8	7.4	6.4	2.8	-1.0	0.86	54.6		43.3
05/20/85	E-3c	6	879	2815.75	8637.13	11.7	28.9	59.5	7.6	6.8	3.5	-1.2	0.86	60.5		44.1
05/20/85	E-3d	1	888	2821.75	8648.09	12.9	21.5	65.6	7.5	6.7	3.8	-1.3	0.74	53.2	-17.5	41.7
05/20/85	E-3d	2	888	2821.75	8648.09	9.6	21.0	69.4	8.1	7.4	4.6	-1.5	0.82	52.8		41.4
05/20/85	E-3d	3	875	2822.18	8648.21	8.2	24.7	67.1	8.0	7.3	4.3	-1.4	0.79	52.4		42.5
05/20/85	E-3d	4	883	2821.93	8647.94	9.0	20.4	70.5	8.0	7.3	4.2	-1.4	0.83	53.3		40.1
05/20/85	E-3d	5	879	2822.02	8647.97	8.8	29.0	62.3	7.9	7.1	4.1	-1.3	0.82	51.7		39.7
05/20/85	E-3d	6	880	2821.97	8647.93	10.7	18.6	70.7	8.1	7.2	4.4	-1.5	0.80	53.0		38.5
05/21/85	E-5	1	2979	2800.48	8638.40	12.8	17.5	69.7	8.0	7.0	3.7	-1.4	0.50	45.0	-19.7	41.1
05/21/85	E-5	2	2981	2800.27	8638.95	11.7	12.8	75.5	8.3	7.2	4.4	-1.6	0.49	44.7		41.2
05/21/85	E-5	3	2981	2800.27	8638.95	11.7	14.7	73.6	8.0	7.0	4.1	-1.5	0.50	44.3		41.4
05/21/85	E-5	4	2983	2800.17	8638.72	13.2	18.2	68.7	7.8	6.8	3.9	-1.4	0.55	48.1		39.3
05/21/85	E-5	5	2988	2800.27	8639.18	11.9	12.8	75.3	8.1	7.0	4.4	-1.6	0.48	46.0		43.9
05/21/85	E-5	6	2992	2800.30	8638.98	13.6	6.6	79.8	8.2	7.1	4.3	-1.6	0.56	47.6		43.1
05/21/85	E-5	7	2992	2800.30	8638.98	14.8	11.7	73.5	8.1	6.8	3.8	-1.5				43.5

Table B-3. Carbon Isotope Ratios for Organisms, Cruises I-V.

Station	Species	Tissue	Animal	del C13 (per mil)
Cruise 2				
C1	Poecilopsetta beani	Muscle	Shrimp	-17.6
C1	Synaphobranchus oregoni	Muscle	Eel	-18.3
C1	Urophycis cirratus	Muscle	Fish	-19.6
C2	Bathygadus melanobranchus	Muscle	Fish	-18.0
C2	Etmopterus schultzi	Muscle	Fish	-18.4
C2	Nezumia aequalis	Muscle	Fish	-17.5
C3	Synaphobranchus brevidorsalis	Muscle	Eel	-20.0
C3	Synaphobranchus oregoni	Muscle	Eel	-19.8
C4	Geryon quinquedens	Muscle	Crab	-17.4
E1	Geryon quinquedens	Muscle	Crab	-17.2
E3	Geryon quinquedens	Muscle	Crab	-19.3
E3	Geryon quinquedens	Muscle	Crab	-23.1
E3	Synaphobranchus brevidorsalis	Muscle	Eel	-19.4
E3	Bathygadus melanobranchus	Muscle	Fish	-17.9
E4	Acanthephyra eximia	Muscle	Shrimp	-18.3
E4	Nematocarcinus rotundus	Muscle	Shrimp	-18.2
E4	Bathypterosis quadrifilis	Muscle	Eel	-18.6
E4	Synaphobranchus brevidorsalis	Muscle	Eel	-19.2
E4	Synaphobranchus oregoni	Muscle	Eel	-19.7
E4	Dicrolene sp.	Muscle	Fish	-17.9
E4	Epigonus pandionus	Muscle	Fish	-18.4
W2	Bathygadus macrops	Muscle	Fish	-17.5
W3	Synaphobranchus brevidorsalis	Muscle	Eel	-17.6
W3	Coryphaenoides mexicanus	Muscle	Fish	-17.1
W3	Coryphaenoides mexicanus	Muscle	Fish	-17.4
W3	Dicrolene sp.	Muscle	Fish	-18.3
W3	Halosaurus guetheri	Muscle	Fish	-17.4
W3	Monomitopus sp.	Muscle	Fish	-18.1
W4	Penaeopsis serrata	Muscle	Shrimp	-19.9
W4	Stereomastis sculpta	Muscle	Shrimp	-17.0
Cruise 3				
C01	Parapenaeus longirostris	Muscle	Shrimp	-17.6
C01	Penaeopsis serrata	Muscle	Shrimp	-18.9
C01	Bembrops gobioides	Muscle	Fish	-17.8
C01	Steindarchneria argentia	Muscle	Fish	-17.3
C01	Urophycis cirratus	Muscle	Fish	-17.5
C01	Urophycis cirratus	Muscle	Fish	-17.2
C02	Plesionika holthuisi	Muscle	Shrimp	-17.1
C02	Stereomastis sculpta	Muscle	Shrimp	-19.4

Table B-3 (cont'd) **Carbon Isotope Ratios for Organisms**

Station	Species	Tissue	Animal	del C13 (per mil)
Cruise 3 (continued)				
C02	Synaphobranchus brevidorsalis	Muscle	Eel	-18.3
C02	Coryphaenoides colon	Muscle	Fish	-16.4
C03	Stereomastis sculpta	Muscle	Shrimp	-17.6
C03	Geryon quinquedens	Muscle	Crab	-17.8
C03	Coryphaenoides colon	Muscle	Fish	-16.4
C03	Coryphaenoides mexicanus	Muscle	Fish	-17.3
C05	Plesiopenaeus armatus	Muscle	Shrimp	-18.9
C05	Coryphanoides macrocephalis	Muscle	Fish	16.9
C05	Urophycis cirratus	Muscle	Fish	-16.7
C06	Nephropsis aculeata	Muscle	Shrimp	-17.3
C06	Penaeopsis serrata	Muscle	Shrimp	-17.7
C06	Chaunax pictus	Liver	Fish	-17.3
C06	Malacopcephalus occidentalis	Muscle	Fish	-16.5
C06	Urophycis cirratus	Muscle	Fish	-16.9
C07	Heterocarpus oryx	Muscle	Shrimp	-17.5
C07	Stereomastis sculpta	Muscle	Shrimp	-16.7
C07	Geryon quinquedens	Muscle	Crab	-18.5
C07	Synaphobranchus brevidorsalis	Muscle	Eel	-18.2
C07	Gadomus arcuatus	Muscle	Fish	-17.2
C08	Stereomastis sculpta	Muscle	Shrimp	-17.3
C08	Geryon quinquedens	Muscle	Crab	-17.7
C08	Synaphobranchus brevidorsalis	Muscle	Eel	-19.1
C08	Coryphaenoides mexicanus	Muscle	Fish	-17.5
C08	Coryphaenoides mexicanus	Muscle	Fish	-17.3
C10	Geryon quinquedens	Muscle	Crab	-21.0
Cruise 4				
WC01	Bembrops gobioides	Muscle	Fish	-18.0
WC01	Bembrops gobioides	Muscle	Fish	-17.9
WC01	Urophycis cirratus	Muscle	Fish	-16.1
WC02	Urophycis cirratus	Muscle	Fish	-17.3
WC03	Stereomastis sculpta	Muscle	Shrimp	-16.6
WC03	Geryon quinquedens	Muscle	Crab	-18.8
WC03	Synaphobranchus oregoni	Muscle	Eel	-17.9
WC04	Hymenopenaeus robustus	Muscle	Shrimp	-16.3
WC04	Chaunax pictus	Muscle	Fish	-17.4
WC04	Malacocephalus occidentalis	Muscle	Fish	-17.3
WC04	Urophycis cirratus	Muscle	Fish	-16.6
WC05	Polycheles typhlops	Muscle	Crab	-15.5
WC05	Bembrops gobioides	Muscle	Fish	-17.5

Table B-3 (cont'd) **Carbon Isotope Ratios for Organisms**

Station	Species	Tissue	Animal	del C13 (per mil)
Cruise 4 (continued)				
WC06	Nephropsis aculeata	Muscle	Shrimp	-17.2
WC06	Chaunax pictus	Muscle	Fish	-17.3
WC06	Merluccius albidus	Muscle	Fish	-17.6
WC07	Urophycis cirratus	Muscle	Fish	-16.7
WC08	Hymenopenaeus robustus	Muscle	Shrimp	-16.6
WC08	Bembrops gobioides	Muscle	Fish	-16.8
WC08	Urophycis cirratus	Muscle	Fish	-16.9
WC09	Bathygadus macrops	Muscle	Fish	-17.2
WC10	Synaphobranchus oregoni	Muscle	Eel	-20.5
WC11	Heterocarpus oryx	Muscle	Shrimp	-18.1
WC11	Stereomastis sculpta	Muscle	Shrimp	-17.0
WC11	Synaphobranchus oregoni	Muscle	Eel	-17.7
WC11	Coryphaenoides mexicanus	Muscle	Fish	-17.5
WC12	Synaphobranchus brevidorsalis	Muscle	Eel	-17.2
WC12	Coryphaenoides mexicanus	Muscle	Fish	-17.1
Cruise 5				
E1	Penaeopsis megalops	Muscle	Shrimp	-17.4
E1A	Coryphaenoides colon	Muscle	Fish	-17.8
E1A	Bembrops gobioides	Muscle	Fish	-17.2
E1A	Urophycis cirratus	Gonad	Fish	-16.6
E1B	Penaeopsis serrata	Muscle	Shrimp	-17.9
E1B	Bembrops gobioides	Muscle	Fish	-17.7
E1B	Bembrops anatirostris	Muscle	Fish	-17.1
E1C	Geryon fenneri	Muscle	Crab	-16.8
E1C	Urophysis cirratus	Muscle	Fish	-17.8
E2	Geryon quinquedens	Muscle	Crab	-16.7
E2	Synaphobranchus brevidorsalis	Muscle	Eel	-19.7
E2A	Stereomastis sculpta	Muscle	Shrimp	-16.8
E2B	Synaphobranchus oregoni	Muscle	Eel	-19.7
E2B	Synaphobranchus brevidorsalis	Muscle	Eel	-18.3
E2A	Coryphaenoides colon	Muscle	Fish	-15.6
E2C	Geryon quinquedens	Muscle	Crab	-16.8
E2C	Synaphobranchus brevidorsalis	Muscle	Eel	-18.7
E2D	Metanephrops binghami	Muscle	Shrimp	-14.1
E2D	Bathygadus macrops	Muscle	Fish	-18.2
E2D	Nezumia atlanica	Muscle	Fish	-16.1
E2E	Munida valida	Muscle	Shrimp	-17.2
E2E	Geryon quinquedens	Muscle	Crab	-17.0
E3	Nematocarcinus rotundus	Muscle	Shrimp	-17.4

Table B-3 (cont'd) Carbon Isotope Ratios for Organisms

Station	Species	Tissue	Animal	del C13 (per mil)
Cruise 5 (continued)				
E3	Synaphobranchus brevidorsalis	Muscle	Eel	-19.3
E3A	Glyphocrangon aculeata	Muscle	Shrimp	-17.2
E3A	Stereomastis sculpta	Muscle	Shrimp	-16.8
E3A	Geryon quinquedens	Muscle	Crab	-16.8
E3A	Bathygadus melanobranchus	Muscle	Fish	-17.7
E3A	Nezumia aequalis	Muscle	Fish	-17.0
E3A	Nezumia atlantica	Muscle	Fish	-17.6
E3A	Synaphobranchus brevidorsalis	Muscle	Eel	-20.2
E3B	Stereomastis sculpta	Muscle	Shrimp	-17.0
E3B	Geryon quinquedens	Muscle	Crab	-17.1
E3C	Stereomastis sculpta	Muscle	Shrimp	-16.6
E3C	Geryon quinquedens	Muscle	Crab	-16.8
E3C	Synaphobranchus brevidorsalis	Muscle	Eel	-20.4
E3D	Nematocarcinus rotundus	Muscle	Shrimp	-17.1
E3D	Benthesicymus bartletti	Muscle	Shrimp	-17.2
E3D	Geryon quinquedens	Muscle	Crab	-16.3
E3D	Synaphobranchus brevidorsalis	Muscle	Eel	-19.2
E3D	Coryphaenoides colon	Muscle	Fish	-16.3
E3D	Nezumia aequalis	Muscle	Fish	-17.3

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Table B-4. Sediment hydrocarbon data - extractable organic matter.

	EXTRACTABLE ORGANIC MATTER			ALIPH							
STATION	ALIPH (ppm)	AROM (ppm)	TOTAL (ppm)	UCM (ppm)	CPI	TOT ALK (ppb)	SUM ALK (ppb)	PRIS+PHYT /SUM ALK	PRIS/ N-C18	PRIS/ N-C17	PRIS/ PHYT
CRUISE 1											
C1	49.8	11.5	61.3	29.8	3.18	1753	1702	0.03	0.88	1.11	0.97
C2	23.4	4.3	27.7	19.3	3.46	1270	1232	0.03	1.04	1.11	1.26
C3	10.7	5.5	16.2	23.8	3.52	1561	1504	0.04	1.28	1.21	1.68
C4	9.4	4.5	13.9	24.3	3.30	1285	1251	0.03	0.91	1.02	0.94
C5	19.6	3.3	22.9	19.4	2.40	2051	1981	0.04	1.20	1.22	1.34
CRUISE 2											
C1	21.3	1.5	22.8	7.4	4.31	1783	1684	0.06	1.21	1.69	1.71
C2	18.0	1.1	19.1	8.5	4.26	1739	1556	0.12	1.09	1.67	1.09
C3	16.1	1.9	18.0	8.7	4.53	1703	1606	0.06	0.88	1.56	0.92
C4	23.0	2.9	25.8	14.0	3.64	1635	1520	0.08	0.83	0.88	0.91
C5	19.4	3.2	22.6	6.0	3.40	1582	1525	0.04	0.57	0.51	0.69
E1	7.8	0.9	8.7	7.3	2.82	635	595	0.07	1.43	0.54	2.21
E2	6.2	1.4	7.6	3.2	2.88	541	501	0.08	1.60	1.99	2.99
E3	7.2	1.6	8.7	4.7	3.27	628	592	0.06	0.90	0.54	1.51
E4	6.1	1.6	7.7	6.1	3.37	861	801	0.08	1.08	1.01	1.99
E5	7.4	2.8	10.1	5.8	3.88	1025	960	0.07	1.51	1.42	2.13
W1	48.7	6.5	55.2	31.4	1.96	1304	1203	0.08	2.93	3.43	4.09
W2	18.5	2.4	20.9	6.2	2.28	787	757	0.04	1.50	1.12	1.79
W3	19.4	2.4	21.9	6.5	3.69	1004	971	0.03	1.46	1.16	2.33
W4	15.2	2.3	17.5	5.2	2.85	1053	1032	0.02	1.12	0.90	2.11
W5	12.6	2.0	14.6	6.6	2.71	1093	1056	0.04	0.88	0.84	1.28
CRUISE 3											
C01	17.3	1.3	18.6	9.6	2.75	582	541	0.08	1.48	0.80	1.63
C02	9.8	1.9	11.7	5.6	3.24	508	478	0.06	1.29	0.88	1.43
C03	12.6	4.8	17.4	6.5	2.22	971	932	0.04	1.52	0.78	1.61
C04	12.1	7.2	19.3	6.6	3.25	678	645	0.05	1.52	0.89	1.53
C05	41.6	2.8	44.4	17.2	1.49	4593	4397	0.04	1.53	0.81	1.22
C06	8.8	2.1	10.9	7.3	3.55	607	576	0.05	1.49	1.08	1.44
C07	11.5	3.1	14.6	6.8	1.16	1203	1130	0.06	1.72	1.33	1.50
C08	8.1	1.2	9.3	4.4	4.23	966	943	0.02	1.04	0.57	1.49
C09	21.9	3.3	25.2	11.3	3.85	1147	1116	0.03	1.09	0.44	1.45
C11	17.9	6.0	23.9	14.2	1.90	2287	2230	0.03	1.02	0.78	0.83
C12	0.9	3.1	4.0	17.4	2.51	1379	1258	0.10	1.57	0.68	1.23

Table B-4 (cont'd)

	EXTRACTABLE ORGANIC MATTER			ALIPH				PRIS+PHYT	PRIS/	PRIS/	PRIS/
STATION	ALIPH (ppm)	AROM (ppm)	TOTAL (ppm)	UCM (ppm)	CPI	TOT ALK (ppb)	SUM ALK (ppb)	/SUM ALK	N-C18	N-C17	PHYT
CRUISE 4											
WC01	13.2	2.7	15.9	6.0	2.11	411	402	0.02	0.34	0.23	0.39
WC02	16.1	4.4	20.5	6.9	2.19	499	480	0.04	0.73	0.52	0.77
WC03	47.5	10.4	57.9	11.9	1.68	444	421	0.05	1.52	0.60	1.19
WC04	19.6	4.3	23.9	7.9	1.37	355	335	0.06	1.85	0.53	2.40
WC05	17.3	3.7	21.0	9.2	1.33	568	495	0.15	1.21	0.95	1.35
WC06	19.3	7.0	26.3	6.8	2.21	1006	860	0.17	1.88	1.25	1.56
WC07	70.2	24.1	94.2	46.2	1.48	612	530	0.15	4.52	2.17	1.76
WC08	13.4	4.0	17.4	7.9	1.93	562	541	0.04	1.45	0.96	1.22
WC09	14.6	2.4	17.0	7.7	2.84	403	372	0.08	1.67	0.95	2.02
WC10	13.6	4.1	17.7	5.6	3.61	377	349	0.08	1.62	0.90	1.71
WC11	14.6	4.3	18.9	81.4	2.60	5238	5111	0.02	1.02	0.81	1.26
WC12	12.8	4.3	17.1	4.2	2.98	400	372	0.08	1.65	0.90	1.78
CRUISE 5											
E1	10.9	2.4	13.4	5.0	2.26	300	245	0.23	1.73	1.09	1.04
E1A	5.3	1.9	7.1	0.7	2.90	168	159	0.05	1.02	0.67	1.22
E1B	3.4	2.4	5.8	1.2	2.24	104	100	0.04	0.75	0.57	1.33
E1C	9.7	2.8	12.5	5.0	2.51	263	203	0.29	1.11	0.86	1.09
E2	3.6	1.8	5.3	1.1	1.81	168	160	0.05	1.31	1.02	1.55
E2A	6.3	2.4	8.7	0.5	1.59	145	138	0.05	2.45	1.17	2.88
E2B	3.5	1.8	5.3	0.7	2.21	221	220	0.01	0.00	0.00	0.00
E2C	5.3	1.6	6.9	2.7	2.26	226	201	0.12	2.00	1.00	2.73
E2D	8.0	1.9	9.9	3.8	2.86	220	190	0.15	1.93	1.29	3.06
E2E	2.9	1.8	4.7	1.8	3.17	149	139	0.08	2.35	1.14	2.96
E3	3.3	1.6	4.9	0.7	2.83	241	239	0.01	0.00	0.00	0.00
E3A	5.0	3.2	8.2	3.1	2.71	299	279	0.07	2.11	1.07	2.83
E3B	3.4	2.7	6.0	2.0	2.05	321	301	0.07	2.33	1.17	2.37
E3C	2.2	2.5	4.6	1.5	1.30	96	87	0.10	2.19	1.17	3.50
E3D	3.8	1.6	5.4	1.1	2.66	258	254	0.02	0.33	0.27	0.50
E5	4.6	2.5	7.1	1.0	2.96	434	415	0.05	1.01	0.88	0.82

Table B-5. Sediment hydrocarbon data - alkane concentrations (N-C15 - N-C22) - Cruises I-V.

	ALKANE CONCENTRATIONS									
STATION	**N-C15 (ppb)**	**N-C16 (ppb)**	**N-C17 (ppb)**	**PRIST (ppb)**	**N-C18 (ppb)**	**PHYT (ppb)**	**N-C19 (ppb)**	**N-C20 (ppb)**	**N-C21 (ppb)**	**N-C22 (ppb)**
CRUISE 1										
C1	8.2	10.5	22.8	25.3	28.8	26.0	50.6	32.8	39.8	36.4
C2	3.9	8.1	19.0	21.0	20.3	16.7	26.7	21.6	27.9	28.8
C3	8.7	15.8	29.6	35.7	27.9	21.3	34.5	24.2	29.8	27.9
C4	4.0	9.1	16.3	16.6	18.2	17.7	23.5	19.2	22.1	25.2
C5	12.6	17.9	32.6	39.9	33.2	29.9	43.7	39.4	50.5	47.8
CRUISE 2										
C1	30.4	39.7	36.8	62.0	51.2	36.2	45.7	27.4	25.1	29.5
C2	34.2	52.9	57.1	95.5	87.4	87.5	75.6	34.7	31.3	25.3
C3	19.8	29.4	29.9	46.6	52.9	50.5	48.8	28.7	30.9	25.5
C4	21.4	40.7	61.7	54.4	65.3	59.8	72.0	34.9	28.8	28.0
C5	27.6	34.0	45.5	23.1	40.6	33.6	38.1	26.7	29.8	30.2
E1	15.8	28.1	50.6	27.5	19.2	12.4	22.7	11.6	14.4	10.8
E2	14.5	19.4	15.2	30.2	18.9	10.1	20.4	10.6	11.5	10.0
E3	19.5	33.8	39.0	21.1	23.5	14.0	24.3	13.0	13.1	12.1
E4	28.6	44.0	40.0	40.5	37.4	20.3	39.5	17.6	16.9	16.0
E5	31.8	41.2	31.2	44.3	29.4	20.8	41.3	17.0	19.5	18.3
W1	37.1	42.4	23.6	81.1	27.7	19.8	24.2	18.4	15.1	20.9
W2	10.7	11.0	17.2	19.3	12.8	10.8	16.5	13.8	16.2	16.6
W3	16.8	19.3	20.2	23.3	16.0	10.0	16.1	12.2	14.6	13.4
W4	10.3	11.6	16.2	14.7	13.0	7.0	15.4	12.6	15.1	16.1
W5	23.7	27.3	24.9	20.9	23.6	16.3	22.9	17.4	19.9	20.4
CRUISE 3										
C01	13.9	21.4	31.5	25.2	17.0	15.5	19.6	17.7	24.3	16.9
C02	4.2	10.7	20.1	17.6	13.6	12.3	16.4	15.1	24.0	16.0
C03	16.7	22.4	31.0	24.3	16.0	15.1	18.3	18.4	32.5	38.3
C04	10.0	16.9	22.5	20.1	13.2	13.1	16.3	16.1	25.6	19.6
C05	130.5	130.6	133.5	107.6	70.3	88.5	53.6	35.3	64.7	147.5
C06	8.3	12.2	16.9	18.2	12.2	12.6	17.8	16.8	24.4	16.9
C07	12.8	20.1	32.6	43.4	25.2	28.9	36.6	27.9	37.1	26.1
C08	14.3	14.6	24.7	14.0	13.5	9.4	16.1	13.9	16.4	15.3
C09	20.8	17.5	42.5	18.6	17.1	12.8	21.7	17.0	18.6	20.3
C11	10.3	16.6	33.2	25.9	25.4	31.2	34.3	26.0	50.0	77.9
C12	63.9	79.0	98.3	66.6	42.3	54.3	33.7	23.1	21.6	24.1

Table B-5 (cont'd)

STATION	N-C15 (ppb)	N-C16 (ppb)	N-C17 (ppb)	PRIST (ppb)	N-C18 (ppb)	PHYT (ppb)	N-C19 (ppb)	N-C20 (ppb)	N-C21 (ppb)	N-C22 (ppb)
	ALKANE CONCENTRATIONS									
CRUISE 4										
WC01	5.2	9.7	11.2	2.6	7.6	6.7	17.3	12.2	8.5	12.8
WC02	8.0	14.4	15.2	7.9	10.8	10.3	25.4	17.0	12.6	16.6
WC03	0.0	10.1	21.0	12.5	8.2	10.5	16.5	14.6	8.6	14.4
WC04	2.7	14.9	26.4	13.9	7.5	5.8	22.3	10.9	11.6	13.0
WC05	9.6	27.0	44.0	42.0	34.6	31.2	60.7	40.1	34.0	28.0
WC06	55.0	60.0	71.0	89.0	47.4	56.9	56.7	54.7	45.5	43.2
WC07	16.0	23.9	24.0	52.0	11.5	29.6	60.7	27.7	33.7	25.4
WC08	2.9	9.3	11.7	11.2	7.7	9.2	21.6	13.4	10.6	13.5
WC09	10.8	13.7	22.0	21.0	12.6	10.4	14.2	12.2	14.4	13.9
WC10	12.2	12.3	20.0	18.0	11.1	10.5	11.5	9.5	11.5	10.9
WC11	13.3	28.1	88.0	71.0	69.9	56.5	94.3	93.7	102.7	113.2
WC12	17.7	14.7	20.0	18.0	10.9	10.1	11.8	10.0	10.5	11.0
CRUISE 5										
E1	30.4	36.5	25.9	28.3	16.4	27.1	6.2	8.0	2.5	6.2
E1A	4.8	8.5	6.7	4.5	4.4	3.7	4.7	6.1	7.4	6.2
E1B	1.6	4.1	4.2	2.4	3.2	1.8	3.3	4.2	2.1	4.8
E1C	8.0	31.6	36.0	31.0	27.9	28.4	19.1	12.8	6.5	3.7
E2	1.9	2.3	5.0	5.1	3.9	3.3	6.9	4.5	3.8	5.5
E2A	7.9	6.7	4.2	4.9	2.0	1.7	1.6	3.1	2.7	6.1
E2B	0.0	3.8	4.8	0.0	2.7	1.4	3.3	4.5	1.7	6.6
E2C	10.9	13.1	18.0	18.0	9.0	6.6	6.0	4.1	6.0	7.5
E2D	15.6	18.3	17.0	22.0	11.4	7.2	4.5	2.9	4.9	4.5
E2E	3.0	4.9	7.0	8.0	3.4	2.7	3.5	3.2	5.0	4.7
E3	0.0	4.5	3.8	0.0	2.6	1.5	3.1	4.4	0.0	6.3
E3A	9.2	9.9	14.0	15.0	7.1	5.3	6.6	5.0	7.0	7.3
E3B	6.8	10.5	12.0	14.0	6.0	5.9	4.6	3.5	5.4	8.3
E3C	1.6	2.2	6.0	7.0	3.2	2.0	3.7	3.6	5.7	5.6
E3D	0.0	5.7	4.8	1.3	3.9	2.6	3.7	4.7	4.0	7.4
E5	0.0	11.7	9.6	8.4	8.3	10.3	7.0	12.1	4.3	11.2

Table B-6. Sediment hydrocarbon data - alkane concentrations (N-C23 - N-C32) - Cruises I-V.

	ALKANE CONCENTRATIONS									
STATION	N-C23 (ppb)	N-C24 (ppb)	N-C25 (ppb)	N-C26 (ppb)	N-C27 (ppb)	N-C28 (ppb)	N-C29 (ppb)	N-C30 (ppb)	N-C31 (ppb)	N-C32 (ppb)
CRUISE 1										
C1	69.7	47.7	148.9	61.0	207.0	77.7	379.1	89.6	315.5	75.9
C2	43.5	33.5	75.4	59.2	147.3	60.2	294.8	51.7	273.6	36.6
C3	47.5	36.2	62.7	53.0	163.4	78.6	377.6	66.4	365.0	54.9
C4	44.5	36.9	77.6	54.6	152.9	64.3	301.5	61.8	277.7	41.3
C5	90.2	62.0	164.4	83.5	264.9	89.0	340.5	196.7	342.2	70.3
CRUISE 2										
C1	52.6	37.1	94.8	53.8	175.8	67.4	367.8	63.9	444.4	41.0
C2	43.4	31.7	77.6	48.1	153.6	54.2	292.1	55.1	371.2	30.9
C3	42.3	30.7	82.5	49.5	172.0	66.8	393.0	59.7	408.0	35.7
C4	49.8	40.0	97.0	58.4	170.5	64.9	329.1	50.6	269.6	37.6
C5	42.4	32.3	92.1	46.8	174.0	64.1	304.6	78.9	354.6	62.5
E1	17.3	12.7	25.2	17.1	43.5	21.4	105.6	36.4	119.7	22.6
E2	14.0	13.3	26.6	18.5	52.1	33.0	82.2	20.2	107.3	13.0
E3	19.9	14.6	26.8	17.7	49.5	24.0	115.2	21.2	105.8	19.5
E4	22.1	17.3	34.8	24.0	73.4	31.9	143.9	33.5	158.1	21.7
E5	29.4	20.9	53.5	32.4	103.4	39.9	200.1	35.8	194.5	20.9
W1	45.9	53.7	86.0	75.4	122.4	91.0	244.5	59.6	158.7	56.6
W2	27.1	24.2	33.9	39.9	76.7	33.5	133.0	52.7	175.5	45.3
W3	20.9	15.4	39.3	23.3	85.7	41.7	202.8	51.7	313.6	47.7
W4	27.5	25.3	54.6	39.2	103.8	57.0	216.9	57.9	278.9	60.2
W5	26.3	21.1	50.1	42.9	99.3	45.5	203.8	65.2	259.9	61.2
CRUISE 3										
C01	28.6	16.4	47.3	17.5	63.3	26.1	74.5	37.1	63.9	4.0
C02	24.6	20.8	42.6	18.0	60.1	22.0	81.3	11.5	65.0	12.2
C03	62.6	75.0	97.7	64.9	113.1	52.0	118.5	11.6	116.8	25.9
C04	29.5	19.4	48.2	21.2	85.5	30.6	110.5	31.5	111.9	16.0
C05	309.2	416.9	526.3	465.6	505.5	297.0	468.9	195.3	360.9	84.9
C06	29.2	17.9	51.0	18.8	80.0	28.3	100.5	26.4	91.0	7.7
C07	42.2	308.0	68.9	30.4	116.0	37.3	129.5	29.4	133.3	16.9
C08	26.7	19.5	46.5	31.7	108.6	42.0	230.3	43.5	246.1	18.9
C09	36.5	28.1	62.7	41.9	140.3	51.5	252.5	52.2	254.5	20.3
C11	170.9	196.8	290.5	218.0	312.7	144.1	301.3	89.6	207.5	25.0
C12	46.7	42.1	77.4	50.7	122.7	55.0	196.5	60.0	180.3	40.8

Table B-6 (cont'd)

STATION	ALKANE CONCENTRATIONS N-C23 (ppb)	N-C24 (ppb)	N-C25 (ppb)	N-C26 (ppb)	N-C27 (ppb)	N-C28 (ppb)	N-C29 (ppb)	N-C30 (ppb)	N-C31 (ppb)	N-C32 (ppb)
CRUISE 4										
WC01	22.1	15.9	33.2	17.8	53.4	17.7	60.0	35.7	46.4	14.8
WC02	26.6	20.4	37.6	20.2	59.8	19.2	68.6	36.0	54.6	17.3
WC03	24.7	20.4	29.7	19.1	47.9	20.9	38.4	36.2	64.5	25.6
WC04	20.9	16.1	26.6	15.3	38.7	16.8		32.4	44.5	14.5
WC05	30.4	24.2	26.2	15.7	24.1	12.6	17.9	18.4	25.2	21.9
WC06	56.9	40.2	63.1	29.6	65.2	25.2	66.8	24.3	41.6	13.3
WC07	36.7	39.8	49.3	26.5	31.9	15.4	50.8	18.2	14.7	23.9
WC08	23.9	18.2	35.9	19.2	61.0	23.4	98.3	61.1	77.9	31.7
WC09	21.0	14.6	27.9	16.6	44.1	15.9	55.8	2.8	41.9	17.2
WC10	16.7	12.8	25.1	14.1	37.0	14.3	55.1	6.8	61.6	6.1
WC11	186.1	136.6	270.4	165.8	517.5	262.2	1043.5	288.1	1236.9	400.2
WC12	16.0	11.7	22.3	11.2	30.1	15.3	68.6	6.7	61.6	21.7
CRUISE 5										
E1	8.1	8.1	12.8	8.9	17.5	7.0	17.8	6.3	21.9	4.3
E1A	8.2	5.5	13.0	6.7	18.1	5.8	21.3	6.2	21.6	4.1
E1B	6.4	6.1	10.0	6.3	12.4	4.6	9.6	3.2	11.5	2.1
E1C	5.2	4.6	7.2	3.5	9.8	3.2	9.6	3.1	9.4	2.0
E2	8.0	6.8	13.5	7.6	19.9	6.6	22.7	14.3	17.0	9.6
E2A	7.9	8.1	12.8	7.6	15.3	5.4	15.3	10.5	12.5	8.5
E2B	12.6	10.1	19.9	13.3	33.0	12.6	39.3	17.1	27.6	6.9
E2C	11.5	11.1	14.0	11.1	20.5	9.3	26.3	3.6	15.5	3.7
E2D	7.5	5.6	10.9	6.7	20.1	7.0	25.0	4.0	19.0	5.5
E2E	7.3	5.0	9.6	5.3	18.4	7.6	27.1	2.5	16.5	4.5
E3	11.6	8.3	18.7	11.4	35.5	12.7	51.1	16.7	41.6	6.9
E3A	11.3	10.2	20.1	9.9	32.9	13.3	48.7	11.3	42.5	12.7
E3B	16.3	20.4	29.0	24.1	36.6	20.4	48.6	12.7	33.3	2.3
E3C	7.7	6.2	7.3	3.6	6.3	3.6	7.0	4.1	2.8	6.5
E3D	13.8	10.7	22.2	13.9	37.8	13.7	49.5	15.9	36.3	5.8
E5	20.9	16.1	37.3	19.9	64.7	20.8	80.6	20.2	58.8	11.5

Table B-7. Organism samples - hydrocarbons (extractable organic matter).

ORGANISM SAMPLES CRUISE 1 MMS

STN	SPECIES	# OF IND	TISSUE	EOM ALIPH (ppm)	EOM AROM (ppm)	TOT EOM (ppm)	ALI UCM (ppm)
C1	Coelorhynchus caribbaeus	8	Liver	451.0	36.8	487.8	438.7
C1	Coelorhynchus caribbaeus	8	Muscle	15.3	1.8	17.1	15.1
C1	Penaeid sp.	14	Muscle	15.4	7.2	22.6	34.2
C1	Penaeopsis megalops	5	Muscle	75.5	75.5	151.1	33.7
C1	Urophycis cirratus	2	Liver	918.4	18.4	936.7	139.6
C1	Urophycis cirratus	1	Muscle	3.6	1.5	5.1	2.6
C1	Urophycis cirratus	1	Gonad	8.2	5.1	13.3	3.8
C1	Urophycis cirratus	1	Liver	95.0	21.6	116.6	55.4
C1	Urophycis floridanus	1	Muscle	12.4	1.4	13.9	3.6
C1	Urophycis floridanus	1	Gonad	174.8	124.3	299.1	35.7
C1	Urophycis floridanus	1	Gonad	7.6	1.9	9.4	8.4
C1	Urophycis floridanus	1	Muscle	11.0	1.2	12.2	24.7
C1	Urophycis floridanus	1	Muscle	16.1	2.7	18.8	11.9
C1	Urophycis floridanus	1	Gonad	7.2	2.7	10.0	13.6
C2	Acanthephyra armata	1	Muscle	115.1	207.6	322.7	60.5
C2	Chaunax pictus	1	Muscle	4.8	11.0	15.8	1.9
C2	Chaunax pictus	1	Liver	316.3	7.1	323.4	266.0
C2	Nezumia aequalis	1	Muscle	32.2	6.7	38.9	44.3
C3	Benthesicumus bartletti	7	Muscle	70.3	93.1	163.4	70.6
C3	Coryphaenoides mexicanus	1	Muscle	21.3	1.4	22.7	9.0
C3	Geryon quinquedenus	2	Muscle	5.4	14.6	20.0	0.0
C3	Monomitopus sp.	2	Muscle	34.1	3.8	37.9	22.9
C3	Nematocarcinus rotundus	5	Muscle	44.6	39.0	83.6	40.9
C3	Synaphobranchus brevidorsalis	1	Liver	70.7	34.8	105.5	74.3
C3	Trichopeltarium nobile	1	Muscle	28.0	12.4	40.4	110.1
C4	Cataetyx sp.	1	Muscle	47.3	6.3	53.6	13.8

Table B-7 (cont'd)

ORGANISM SAMPLES CRUISE 2 MMS

STN	SPECIES	# OF IND	TISSUE	EOM ALIPH (ppm)	AROM (ppm)	TOT EOM (ppm)	ALI UCM (ppm)
W1	Penaeopsis serrata	31	Muscle	8.1	3.5	11.6	2.4
W1	Urophycis cirratus	1	Liver	102.3	2072.0	2174.3	51.0
W1	Urophycis cirratus	1	Muscle	18.8	92.0	110.8	4.2
W3	Coryphaenoides mexicanus	1	Muscle	3.7	11.4	15.1	2.6
W3	Coryphaenoides mexicanus	1	Muscle	21.4	202.7	224.1	10.8
W3	Geryon quinquedens	2	Muscle	78.0	7.1	85.1	22.9
W3	Glyphocrangon aculeata	10	Muscle	23.1	16.1	39.1	14.3
W3	Munidopsis spinosa	6	Muscle	6.6	3.1	9.6	11.2
W3	Nematocarcinus rotundus	13	Muscle	23.0	1.9	24.9	3.3
W3	Stereomastis sculpta	12	Muscle	33.5	6.4	39.9	18.0
W3	Synaphobranchus brevidorsalis	3	Muscle	21.4	35.6	57.0	12.8
W3	Synaphobranchus oregoni	1	Liver	114.6	139.8	254.4	72.4
W3	Synaphobranchus oregoni	1	Gonad	27.4	309.5	336.9	15.8
W3	Synaphobranchus oregoni	1	Muscle	13.4	27.5	40.9	9.6
C1	Coelorhynchus caribbaeus	1	Gonad	152.0	237.0	389.0	97.7
C1	Coelorhynchus caribbaeus	1	Liver	825.0	116.0	941.0	
C1	Coelorhynchus caribbaeus	1	Muscle	12.3	8.0	20.3	5.7
C1	Urophycis cirratus	1	Liver	140.7	793.1	933.8	115.9
C1	Urophycis cirratus	1	Muscle	24.1	228.7	252.8	3.1
C1	Urophycis cirratus	1	Gonad	171.8	1310.3	1482.1	218.9
C2	Trichopeltarium nobile	3	Muscle	238.5	36.0	274.5	278.2
C3	Stereomastis sculpta	6	Muscle	24.3	6.8	31.0	5.9
C3	Synaphobranchus brevidorsalis	1	Muscle	12.0	626.5	638.5	13.3
C3	Synaphobranchus oregoni	2	Muscle	25.2	198.6	223.8	12.9
C3	Synaphobranchus oregoni	2	Gonad	37.5	268.5	306.0	23.1
C3	Synaphobranchus oregoni	2	Liver	147.8	163.5	311.3	111.9
C4	Geryon quinquedens	2	Muscle	219.8	19.5	239.4	78.6

Table B-7 (cont'd)

ORGANISM SAMPLES CRUISE 2 MMS

STN	SPECIES	# OF IND	TISSUE	EOM ALIPH (ppm)	EOM AROM (ppm)	TOT EOM (ppm)	ALI UCM (ppm)
E1	Geryon quinquedens	1	Muscle	11.7	8.0	19.7	2.3
E1	Penaeopsis serrata	15	Muscle	4.4	3.4	7.7	2.6
E1	Urophycis cirratus	1	Liver	98.9	968.1	1067.0	517.3
E1	Urophycis cirratus	1	Muscle	23.5	52.9	76.4	13.4
E2	Chaunax pictus	1	Liver	150.4	114.0	264.4	209.6
E2	Chaunax pictus	1	Muscle	17.7	14.0	31.7	9.0
E2	Nematocarcinus rotundus	12	Muscle	11.0	4.7	15.6	6.4
E2	Nezumia aequalis	4	Muscle	20.9	43.2	64.1	14.1
E2	Nezumia aequalis	4	Liver	631.3	287.5	918.8	563.9
E3	Bathygadus melanobranchus	1	Muscle	7.0	45.7	52.7	5.3
E3	Bathygadus melanobranchus	1	Liver	1507.3	2228.1	3735.4	577.6
E3	Glyphocrangon aculeata	3	Muscle	62.7	26.0	88.6	28.4
E3	Nematocarcinus rotundus	5	Muscle	87.4	7.3	94.7	45.0
E3	Stereomastis sculpta	6	Muscle	21.1	10.1	31.2	6.5
E3	Synaphobranchus brevidorsalis	1	Liver	138.1	50.0	188.1	73.5
E3	Synaphobranchus brevidorsalis	1	Muscle	33.3	12.3	45.6	17.5
E3	Synaphobranchus brevidorsalis	1	Gonad	55.8	5.5	61.3	27.0
E4	Acanthephyra eximia	4	Muscle	158.2	15.9	174.1	82.2
E4	Bathypterois quadrifilis	5	Muscle	5.0	27.7	32.6	2.3
E4	Dicrolene sp.	1	Muscle	10.1	29.0	39.1	8.6
E4	Epigonus pandionus	1	Liver	142.4	602.0	744.4	95.5
E4	Epigonus pandionus	1	Muscle	23.8	587.0	610.8	17.6
E4	Gadomus longifilis	1	Muscle	17.5	59.0	76.5	15.0
E4	Monomitopus sp.	1	Muscle	21.4	63.0	84.4	12.5
E4	Nematocarcinus rotundus	8	Muscle	48.7	12.2	60.9	12.4

Table B-7 (cont'd)

ORGANISM SAMPLES CRUISE 3 MMS

STN	SPECIES	# OF IND	TISSUE	EOM ALIPH (ppm)	EOM AROM (ppm)	TOT EOM (ppm)	ALI UCM (ppm)
C01	Bemprops gobioides	1	Muscle	7.7	28.1	35.9	1.8
C01	Bruniscul**us** inberbis	3	Muscle	14.5	670.8	685.3	1.9
C01	Brunisculus inberbis	2	Gonad	311.5	523.1	834.6	0.0
C01	Brunisculus inberbis	3	Liver	370.5	1183.0	1553.5	64.7
C01	Coelorhynchus caribbaeus	4	Muscle	10.8	69.5	80.2	3.1
C01	Coelorhynchus caribbaeus	4	Liver	1458.9	3349.5	4808.4	297.8
C01	Parapenaeus longirostris	4	Muscle	40.7	20.6	61.3	6.3
C01	Penaeopsis serrata	17	Muscle	14.7	7.1	21.8	9.0
C01	Steindarchneria argentia	4	Gonad	1820.8	4793.5	6614.3	37.1
C01	Urophycis cirratus	2	Muscle	8.6	18.5	27.1	20.2
C01	Urophycis cirratus	2	Muscle	5.8	50.0	55.8	2.9
C01	Urophycis cirratus	2	Liver	460.8	91.7	552.6	40.7
C02	Chaunax pictus	4	Liver	387.9	675.0	1062.9	93.9
C02	Chaunax pictus	4	Muscle	25.5	33.5	58.9	5.4
C02	Coryphaenoides colon	3	Gonad	90.6	341.9	432.4	20.0
C02	Coryphaenoides colon	3	Liver	552.7	244.2	796.9	239.3
C02	Coryphaenoides colon	3	Muscle	6.3	82.5	88.9	7.4
C02	Plesionika holthuisi	16	Muscle	66.4	26.6	93.0	28.2
C02	Stereomastis sculpta	5	Muscle	35.1	34.3	69.3	23.5
C02	Synaphobranchus brevidorsalis	1	Gonad	55.3	286.0	341.3	13.0
C02	Synaphobranchus brevidorsalis	3	Muscle	13.9	84.5	98.5	7.9
C03	Coryphaenoides colon	2	Gonad	63.0	151.0	214.1	25
C03	Coryphaenoides colon	2	Liver	557.3	14.9	572.1	339.
C03	Coryphaenoides colon	2	Muscle	7.0	26.5	33.5	1.7
C03	Coryphaenoides mexicanus	1	Liver	984.7	56.4	1041.1	951.9
C03	Coryphaenoides mexicanus	1	Gonad	144.9	555.9	700.9	9.4
C03	Coryphaenoides mexicanus	1	Muscle	6.8	19.1	25.9	0.6
C03	Dicrolene sp.	1	Muscle	48.6	111.8	160.4	1.2
C03	Geryon quinquedens	2	Muscle	109.5	7.5	117.0	22.9
C03	Monomitopus sp.	3	Muscle	27.5	61.0	88.5	2.2
C03	Stereomastis sculpta	12	Muscle	18.6	157.1	175.7	8.7
C05	Coryphaenoides macrocephalis	1	Liver	1218.8	77906.3	79125.0	0.0
C05	Coryphaenoides macrocephalis	1	Muscle	12.3	19.7	32.0	2.5
C05	Plesiopenaeus armatus	7	Muscle	69.5	17.8	87.3	39.1
C05	Urophycis cirratus	1	Muscle	10.3	125.4	135.7	3.4

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Table B-7 (cont'd)

ORGANISM SAMPLES CRUISE 3 MMS

STN	SPECIES	# OF IND	TISSUE	EOM ALIPH (ppm)	EOM AROM (ppm)	TOT EOM (ppm)	ALI UCM (ppm)
C06	Chaunax pictus	2	Muscle	12.9	70.9	83.8	3.9
C06	Chaunax pictus	2	Liver	171.6	677.6	849.3	31.2
C06	Malacopcephalus occidentalis	1	Liver	322.4	5190.2	5512.6	247.1
C06	Malacopcephalus occidentalis	1	Muscle	8.4	11.5	20.0	3.5
C06	Nephropsis aculeata	4	Muscle	97.2	40.2	137.4	33.2
C06	Nezumia sclerorhynchus	2	Muscle	20.2	131.1	151.3	0.2
C06	Penaeopsis serrata	4	Muscle	124.0	15.3	139.3	38.8
C06	Urophycis cirratus	1	Muscle	22.2	46.5	68.7	2.3
C06	Urophycis cirratus	1	Liver	88.5	598.5	687.0	65.3
C06	Urophycis cirratus	1	Muscle	7.8	95.9	103.7	2.1
C06	Urophycis cirratus	1	Gonad	20.7	231.6	252.2	16.7
C06	Urophycis cirratus	1	Liver	99.4	722.8	822.2	29.2
C06	Urophycis cirratus	1	Liver	148.7	3399.8	3548.4	47.5
C07	Gadomus arcuatus	1	Gonad	206.7	1240.0	1446.7	62.1
C07	Gadomus arcuatus	1	Liver	436.8	3412.9	3849.7	173.6
C07	Gadomus arcuatus	1	Muscle	10.0	99.8	109.8	1.1
C07	Geryon quinquedens	2	Muscle	90.3	189.5	279.8	37.8
C07	Geryon quinquedens	1	Gonad	36.0	813.1	849.1	32.6
C07	Heterocarpus oryx	3	Gonad	132.7	26.5	159.2	42.7
C07	Heterocarpus oryx	3	Muscle	92.4	10.7	103.1	32.8
C07	Stereomastis sculpta	9	Muscle	19.3	53.8	73.1	12.5
C07	Synaphobranchus brevidorsalis	3	Liver	100.4	1573.1	1673.5	39.7
C07	Synaphobranchus brevidorsalis	3	Muscle	15.4	28.1	43.5	12.7
C07	Synaphobranchus brevidorsalis	3	Gonad	48.6	675.5	724.2	21.7
C08	Coryphaenoides mexicanus	3	Gonad	38.8	297.2	336.1	9.0
C08	Coryphaenoides mexicanus	3	Muscle	6.8	7.6	14.4	0.6
C08	Coryphaenoides mexicanus	3	Liver	792.1	19.9	812.0	605.8
C08	Coryphaenoides mexicanus	3	Muscle	18.1	13.7	31.8	2.5
C08	Coryphaenoides mexicanus	3	Gonad	573.0	29.0	602.0	52.4
C08	Coryphaenoides mexicanus	3	Liver	429.4	1073.8	1503.3	177.4
C08	Dicrolene sp.	3	Muscle	5.7	36.1	41.8	0.8
C08	Dicrolene sp.	3	Gonad	560.3	663.5	1223.8	325.5
C08	Dicrolene sp.	3	Liver	2187.0	5043.9	7230.9	77.9
C08	Geryon quinquedens	2	Muscle	90.8	13.2	104.0	30.3
C08	Stereomastis sculpta	11	Muscle	26.3	97.8	124.1	12.1
C10	Geryon quinquedens	1	Gonad	46.3	20.6	66.8	14.1
C10	Geryon quinquedens	3	Muscle	123.3	8.5	131.8	69.1

Table B-8. Organism samples - alkanes (C15-C21).

ORGANISM SAMPLES CRUISE 1 MMS

STN	SPECIES	# OF IND	TISSUE	N-C15 (ppb)	N-C16 (ppb)	N-C17 (ppb)	PRISTANE (ppb)	N-C18 (ppb)	PHYTANE (ppb)	N-C19 (ppb)	N-C20 (ppb)	N-C21 (ppb)
C1	Coelorhynchus caribbaeus	8	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Coelorhynchus caribbaeus	8	Muscle	0.0	4.0	17.7	11.7	25.9	19.7	29.9	0.0	0.0
C1	Penaeid sp.	14	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Penaeopsis megalops	5	Muscle	21.2	31.3	87.9	47.5	58.6	40.7	37.2	0.0	0.0
C1	Urophycis cirratus	2	Liver	626.2	254.2	119.4	557.6	335.5	347.8	360.5	0.0	0.0
C1	Urophycis cirratus	1	Muscle	573.0	143.2	137.7	1103.4	221.7	167.5	218.1	0.0	0.0
C1	Urophycis cirratus	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis cirratus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis floridanus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis floridanus	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis floridanus	1	Gonad	0.0	0.0	0.0	30.7	7.5	10.8	0.0	0.0	0.0
C1	Urophycis floridanus	1	Muscle	0.0	0.0	9.2	41.4	7.8	9.7	0.0	0.0	0.0
C1	Urophycis floridanus	1	Muscle	5.6	3.1	32.8	74.9	5.6	6.2	4.7	0.0	0.0
C1	Urophycis floridanus	1	Gonad	0.0	0.0	0.0	59.4	16.8	19.9	0.0	0.0	0.0
C2	Acanthephyra armata	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2	Chaunax pictus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2	Chaunax pictus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2	Nezumia aequalis	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Benthesicumus bartletti	7	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Coryphaenoides mexicanus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Geryon quinquedenus	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Monomitopus sp.	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Nematocarcinus rotundus	5	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Synaphobranchus brevidorsalis	1	Liver	50.2	35.0	189.5	299.1	31.1	53.3	46.7	0.0	0.0
C3	Trichopeltarium nobile	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C4	Cataetyx sp.	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table B-8 (cont'd)

ORGANISM SAMPLES CRUISE 2 MMS

STN	SPECIES	# OF IND	TISSUE	N-C15 (ppb)	N-C16 (ppb)	N-C17 (ppb)	PRISTANE (ppb)	N-C18 (ppb)	PHYTANE (ppb)	N-C19 (ppb)	N-C20 (ppb)	N-C21 (ppb)
W1	Penaeopsis serrata	31	Muscle	26.9	197.6	31.4	66.2	33.9	18.4	9.8	0.0	0.0
W1	Urophycis cirratus	1	Liver	5150.7	109.8	298.2	4620.9	44.9	123.9	19.2	0.0	0.0
W1	Urophycis cirratus	1	Muscle	4.9	4.6	34.2	26.5	5.1	0.0	5.1	0.0	0.0
W3	Coryphaenoides mexicanus	1	Muscle	3.9	4.5	40.6	11.9	8.8	8.0	8.2	0.0	0.0
W3	Coryphaenoides mexicanus	1	Muscle	3.7	5.2	64.3	4.5	6.7	5.4	6.7	0.0	0.0
W3	Geryon quinquedens	2	Muscle	0.0	26.3	18.6	26.5	22.8	52.7	7.6	0.0	0.0
W3	Glyphocrangon aculeata	10	Muscle	88.8	151.2	169.6	90.6	140.6	129.0	135.2	0.0	0.0
W3	Munidopsis spinosa	6	Muscle	0.0	0.0	42.0	191.3	32.7	0.0	0.0	0.0	0.0
W3	Nematocarcinus rotundus	13	Muscle	0.0	0.0	51.6	2118.8	51.7	0.0	39.9	0.0	0.0
W3	Stereomastis sculpta	12	Muscle	0.0	87.6	55.3	328.0	41.7	16.9	23.3	0.0	0.0
W3	Synaphobranchus brevidorsalis	3	Muscle	185.6	61.7	629.3	211.0	46.2	54.0	46.7	0.0	0.0
W3	Synaphobranchus oregoni	1	Liver	186.0	58.6	589.9	107.5	35.9	81.8	43.7	0.0	0.0
W3	Synaphobranchus oregoni	1	Gonad	488.8	66.6	615.6	201.5	32.6	53.0	38.9	0.0	0.0
W3	Synaphobranchus oregoni	1	Muscle	156.3	30.8	323.8	233.9	22.1	38.9	28.6	0.0	0.0
C1	Coelorhynchus caribbaeus	1	Gonad	0.0	0.0	189.6	181.1	142.1	89.9	129.2	0.0	0.0
C1	Coelorhynchus caribbaeus	1	Liver	730.8	314.6	914.6	875.9	282.3	336.6	151.1	0.0	0.0
C1	Coelorhynchus caribbaeus	1	Muscle	3.9	4.3	29.4	14.3	12.6	6.1	7.9	0.0	0.0
C1	Urophycis cirratus	1	Liver	4099.3	131.6	541.0	3750.2	49.1	142.5	81.0	0.0	0.0
C1	Urophycis cirratus	1	Muscle	0.0	3.2	45.3	20.2	6.5	5.6	7.4	0.0	0.0
C1	Urophycis cirratus	1	Gonad	0.0	0.0	0.0	898.4	0.0	84.6	259.7	0.0	0.0
C2	Trichopeltarium nobile	3	Muscle	0.0	169.3	477.6	146.6	493.7	199.4	0.0	0.0	0.0
C3	Stereomastis sculpta	6	Muscle	17.5	84.9	40.9	412.4	31.4	13.7	24.8	9.8	0.0
C3	Synaphobranchus brevidorsalis	1	Muscle	78.4	23.8	169.4	213.3	19.5	18.0	26.0	0.0	0.0
C3	Synaphobranchus oregoni	2	Muscle	254.9	25.9	178.6	421.3	27.2	30.0	19.2	0.0	0.0
C3	Synaphobranchus oregoni	2	Gonad	553.8	51.5	325.9	1245.1	45.7	54.7	40.2	0.0	0.0
C3	Synaphobranchus oregoni	2	Liver	0.0	97.5	210.2	2537.0	137.2	208.8	100.8	0.0	0.0
C4	Geryon quinquedens	2	Muscle	0.0	0.0	0.0	34.9	22.8	84.8	23.6	0.0	0.0

Table B-8 (cont'd)

ORGANISM SAMPLES CRUISE 2 MMS

STN	SPECIES	# OF IND	TISSUE	N-C15 (ppb)	N-C16 (ppb)	N-C17 (ppb)	PRISTANE (ppb)	N-C18 (ppb)	PHYTANE (ppb)	N-C19 (ppb)	N-C20 (ppb)	N-C21 (ppb)
E1	Geryon quinquedens	1	Muscle	0.0	26.5	29.2	212.6	32.1	10.5	9.8	0.0	0.0
E1	Penaeopsis serrata	15	Muscle	22.6	29.8	38.0	200.7	26.4	16.1	22.9	0.0	0.0
E1	Urophycis cirratus	1	Liver	223.0	0.0	659.9	749.7	243.8	0.0	0.0	0.0	0.0
E1	Urophycis cirratus	1	Muscle	26.1	16.2	35.5	43.3	17.1	10.3	12.1	0.0	0.0
E2	Chaunax pictus	1	Liver	0.0	139.4	920.0	282.3	207.5	128.6	179.8	0.0	0.0
E2	Chaunax pictus	1	Muscle	0.0	0.0	40.1	9.0	13.7	8.0	14.7	0.0	0.0
E2	Nematocarcinus rotundus	12	Muscle	0.0	0.0	21.9	15.9	16.8	0.0	0.0	0.0	0.0
E2	Nezumia aequalis	4	Muscle	31.7	17.5	51.0	31.6	26.9	14.5	23.9	0.0	0.0
E2	Nezumia aequalis	4	Liver	2721.1	482.5	2353.5	1862.4	416.8	153.5	395.5	0.0	0.0
E3	Bathygadus melanobranchus	1	Muscle	10.2	8.6	26.3	12.2	11.5	8.2	10.2	0.0	0.0
E3	Bathygadus melanobranchus	1	Liver	335.9	176.5	427.9	377.2	153.3	185.3	0.0	0.0	0.0
E3	Glyphocrangon aculeata	3	Muscle	0.0	0.0	0.0	183.1	57.9	0.0	0.0	0.0	0.0
E3	Nematocarcinus rotundus	5	Muscle	0.0	47.7	100.5	764.3	136.8	218.9	303.8	129.4	111.5
E3	Stereomastis sculpta	6	Muscle	15.3	52.6	25.5	309.6	18.0	0.0	17.4	0.0	0.0
E3	Synaphobranchus brevidorsalis	1	Liver	623.0	101.2	316.9	906.1	126.9	122.2	41.6	0.0	0.0
E3	Synaphobranchus brevidorsalis	1	Muscle	103.0	83.8	239.9	444.1	50.2	29.7	53.8	0.0	0.0
E3	Synaphobranchus brevidorsalis	1	Gonad	2860.2	174.1	1129.8	12448.6	92.7	57.2	108.0	0.0	0.0
E4	Acanthephyra eximia	4	Muscle	1410.8	544.0	202.9	5025.0	51.9	98.0	53.2	0.0	0.0
E4	Bathypterois quadrifilis	5	Muscle	15.5	5.1	73.2	73.2	9.1	8.5	7.8	0.0	0.0
E4	Dicrolene sp.	1	Muscle	0.0	0.0	11.4	8.8	12.0	8.3	12.5	0.0	0.0
E4	Epigonus pandionus	1	Liver	138.2	124.4	712.4	413.7	88.8	71.2	63.9	0.0	0.0
E4	Epigonus pandionus	1	Muscle	22.6	8.5	56.6	115.6	19.0	0.0	0.0	0.0	0.0
E4	Gadomus longifilis	1	Muscle	0.0	0.0	44.7	14.5	20.6	12.4	18.1	0.0	0.0
E4	Monomitopus sp.	1	Muscle	0.0	0.0	15.4	19.8	16.9	0.0	21.3	0.0	0.0
E4	Nematocarcinus rotundus	8	Muscle	96.9	28.7	71.3	21.1	29.3	33.1	9.4	0.0	0.0

Table B-8 (cont'd)

ORGANISM SAMPLES CRUISE 3 MMS

STN	SPECIES	# OF IND	TISSUE	N-C15 (ppb)	N-C16 (ppb)	N-C17 (ppb)	PRISTANE (ppb)	N-C18 (ppb)	PHYTANE (ppb)	N-C19 (ppb)	N-C20 (ppb)	N-C21 (ppb)
C01	Bemprops gobioides	1	Muscle	0.0	0.0	9.3	15.9	6.4	0.0	0.0	0.0	0.0
C01	Brunisculus inberbis	3	Muscle	405.8	14.9	64.6	188.7	9.7	18.4	10.9	8.1	9.2
C01	Brunisculus inberbis	2	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Brunisculus inberbis	3	Liver	33021.0	243.3	650.2	7022.6	537.2	0.0	17849.0	544.2	4105.9
C01	Coelorhynchus caribbaeus	4	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Coelorhynchus caribbaeus	4	Liver	414.0	268.2	310.0	171.2	101.4	66.3	40.2	0.0	0.0
C01	Parapenaeus longirostris	4	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Penaeopsis serrata	17	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Steindarchneria argentia	4	Gonad	160.0	38.1	103.5	350.5	59.5	95.7	49.0	48.7	40.4
C01	Urophycis cirratus	2	Muscle	256.6	4.3	27.0	14.9	19.3	49.2	99.8	0.0	0.0
C01	Urophycis cirratus	2	Muscle	8.3	5.8	14.1	15.5	8.7	6.1	7.5	0.0	0.0
C01	Urophycis cirratus	2	Liver	133.2	48.3	52.5	238.0	48.4	65.7	15.6	0.0	0.0
C02	Chaunax pictus	4	Liver	125.0	318.8	123.9	104.0	117.8	86.6	19.9	0.0	0.0
C02	Chaunax pictus	4	Muscle	2.6	13.6	9.0	4.5	9.1	10.9	4.2	0.0	0.0
C02	Coryphaenoides colon	3	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Coryphaenoides colon	3	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Coryphaenoides colon	3	Muscle	0.0	0.0	21.3	11.8	12.7	11.4	0.0	0.0	0.0
C02	Plesionika holthuisi	16	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Stereomastis sculpta	5	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Synaphobranchus brevidorsalis	1	Gonad	116.2	31.7	301.1	285.7	52.6	36.8	71.4	0.0	0.0
C02	Synaphobranchus brevidorsalis	3	Muscle	149.6	19.2	160.5	216.6	21.6	12.1	34.1	0.0	0.0
C03	Coryphaenoides colon	2	Gonad	131.6	45.1	113.6	104.6	61.4	93.9	96.4	0.0	0.0
C03	Coryphaenoides colon	2	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C03	Coryphaenoides colon	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C03	Coryphaenoides mexicanus	1	Liver	544.5	121.3	128.5	209.2	119.4	89.6	218.0	0.0	0.0
C03	Coryphaenoides mexicanus	1	Gonad	79.9	0.0	127.7	139.9	84.4	98.3	117.9	102.5	93.4
C03	Coryphaenoides mexicanus	1	Muscle	0.0	0.0	6.7	9.8	6.7	7.6	9.0	0.0	0.0
C03	Dicrolene sp.	1	Muscle	97.7	34.8	40.6	66.9	32.5	43.7	46.7	0.0	0.0
C03	Geryon quinquedens	2	Muscle	28.5	14.2	25.5	67.5	16.2	18.2	0.0	0.0	0.0
C03	Monomitopus sp.	3	Muscle	46.5	12.9	0.0	19.9	13.2	15.5	13.7	0.0	0.0
C03	Stereomastis sculpta	12	Muscle	0.0	0.0	68.8	16.1	0.0	0.0	0.0	0.0	0.0
C05	Coryphaenoides macrocephalis	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C05	Coryphaenoides macrocephalis	1	Muscle	0.0	0.0	8.6	10.5	8.8	13.8	0.0	0.0	0.0
C05	Plesiopenaeus armatus	7	Muscle	60.1	11.0	29.3	162.3	19.3	29.5	11.1	0.0	8.3
C05	Urophycis cirratus	1	Muscle	17.7	0.0	10.8	20.8	9.9	18.2	12.4	13.6	8.2

Table B-8 (cont'd)

ORGANISM SAMPLES CRUISE 3 MMS

STN	SPECIES	# OF IND	TISSUE	N-C15 (ppb)	N-C16 (ppb)	N-C17 (ppb)	PRISTANE (ppb)	N-C18 (ppb)	PHYTANE (ppb)	N-C19 (ppb)	N-C20 (ppb)	N-C21 (ppb)
C06	Chaunax pictus	2	Muscle	0.0	13.0	12.5	7.2	14.8	9.2	4.2	0.0	0.0
C06	Chaunax pictus	2	Liver	111.5	266.3	94.9	152.5	87.1	48.7	21.8	0.0	0.0
C06	Malacopcephalus occidentalis	1	Liver	606.7	0.0	155.9	213.2	0.0	0.0	0.0	0.0	0.0
C06	Malacopcephalus occidentalis	1	Muscle	0.0	6.1	15.0	12.9	10.4	9.0	9.5	9.6	9.6
C06	Nephropsis aculeata	4	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C06	Nezumia sclerorhynchus	2	Muscle	48.8	17.0	15.7	16.1	14.2	19.1	18.0	0.0	0.0
C06	Penaeopsis serrata	4	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C06	Urophycis cirratus	1	Muscle	0.0	6.1	12.0	14.5	12.3	11.1	0.0	0.0	0.0
C06	Urophycis cirratus	1	Liver	330.3	51.4	85.3	1861.0	44.2	0.0	0.0	0.0	0.0
C06	Urophycis cirratus	1	Muscle	13.9	6.4	8.1	10.6	7.7	8.3	8.4	8.9	6.2
C06	Urophycis cirratus	1	Gonad	17.8	20.7	40.3	66.3	48.6	50.0	34.1	50.6	34.9
C06	Urophycis cirratus	1	Liver	172.1	42.9	44.0	147.8	30.1	22.4	78.8	14.0	41.2
C06	Urophycis cirratus	1	Liver	222.2	26.3	29.5	1044.8	32.9	31.7	0.0	0.0	0.0
C07	Gadomus arcuatus	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C07	Gadomus arcuatus	1	Liver	104.2	49.6	191.7	61.3	46.3	0.0	44.8	0.0	81.9
C07	Gadomus arcuatus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C07	Geryon quinquedens	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C07	Geryon quinquedens	1	Gonad	14.7	11.0	50.4	278.0	19.9	37.2	20.8	16.7	19.9
C07	Heterocarpus oryx	3	Gonad	25.4	29.1	210.4	147.6	137.1	143.8	163.1	142.6	55.6
C07	Heterocarpus oryx	3	Muscle	9.7	16.4	34.9	247.3	49.5	69.7	59.2	48.4	29.2
C07	Stereomastis sculpta	9	Muscle	0.0	0.0	36.1	13.5	0.0	0.0	6.8	0.0	0.0
C07	Synaphobranchus brevidorsalis	3	Liver	58.3	39.6	60.4	110.9	53.7	47.1	102.4	52.4	27.6
C07	Synaphobranchus brevidorsalis	3	Muscle	83.7	26.9	208.8	239.1	35.7	33.1	59.5	0.0	0.0
C07	Synaphobranchus brevidorsalis	3	Gonad	562.8	85.7	436.5	371.3	79.4	63.5	120.3	60.1	62.0
C08	Coryphaenoides mexicanus	3	Gonad	78.2	15.3	39.2	131.2	9.9	14.3	8.8	0.0	0.0
C08	Coryphaenoides mexicanus	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C08	Coryphaenoides mexicanus	3	Liver	411.4	47.7	62.2	259.1	125.1	90.0	108.3	0.0	0.0
C08	Coryphaenoides mexicanus	3	Muscle	6.0	6.8	8.8	15.3	9.3	0.0	7.5	6.2	0.0
C08	Coryphaenoides mexicanus	3	Gonad	65.9	0.0	135.3	103.9	114.4	91.2	107.9	0.0	0.0
C08	Coryphaenoides mexicanus	3	Liver	1057.9	63.9	119.7	771.7	49.2	0.0	60.7	49.8	31.3
C08	Dicrolene sp.	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C08	Dicrolene sp.	3	Gonad	53.4	148.0	122.8	73.3	117.1	78.8	44.1	0.0	0.0
C08	Dicrolene sp.	3	Liver	50.9	70.9	13.2	73.7	21.9	40.8	10.8	0.0	0.0
C08	Geryon quinquedens	2	Muscle	7.3	0.0	10.2	118.1	12.0	15.5	0.0	8.7	7.9
C08	Stereomastis sculpta	11	Muscle	8.5	7.0	44.9	56.9	8.5	8.1	8.3	0.0	7.2
C10	Geryon quinquedens	1	Gonad	56.8	56.6	73.8	175.6	58.6	53.2	56.1	45.8	52.9
C10	Geryon quinquedens	3	Muscle	18.1	0.0	17.1	196.9	20.8	38.7	0.0	23.5	27.0

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Table B-9. Organism samples - alkanes (C22-C32).

ORGANISM SAMPLES CRUISE 1 MMS

STN	SPECIES	# OF IND	TISSUE	N-C22 (ppb)	N-C23 (ppb)	N-C24 (ppb)	N-C25 (ppb)	N-C26 (ppb)	N-C27 (ppb)	N-C28 (ppb)	N-C29 (ppb)	N-C30 (ppb)	N-C31 (ppb)	N-C32 (ppb)
C1	Coelorhynchus caribbaeus	8	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Coelorhynchus caribbaeus	8	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Penaeid sp.	14	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Penaeopsis megalops	5	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis cirratus	2	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis cirratus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis cirratus	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis cirratus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis floridanus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis floridanus	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis floridanus	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis floridanus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis floridanus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis floridanus	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2	Acanthephyra armata	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2	Chaunax pictus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2	Chaunax pictus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2	Nezumia aequalis	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Benthesicumus bartletti	7	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Coryphaenoides mexicanus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Geryon quinquedenus	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Monomitopus sp.	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Nematocarcinus rotundus	5	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Synaphobranchus brevidorsalis	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Trichopeltarium nobile	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C4	Cataetyx sp.	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Table B-9 (cont'd)

ORGANISM SAMPLES CRUISE 2 MMS

STN	SPECIES	# OF IND	TISSUE	N-C22 (ppb)	N-C23 (ppb)	N-C24 (ppb)	N-C25 (ppb)	N-C26 (ppb)	N-C27 (ppb)	N-C28 (ppb)	N-C29 (ppb)	N-C30 (ppb)	N-C31 (ppb)	N-C32 (ppb)
W1	Penaeopsis serrata	31	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W1	Urophycis cirratus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W1	Urophycis cirratus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W3	Coryphaenoides mexicanus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W3	Coryphaenoides mexicanus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W3	Geryon quinquedens	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W3	Glyphocrangon aculeata	10	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W3	Munidopsis spinosa	6	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W3	Nematocarcinus rotundus	13	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W3	Stereomastis sculpta	12	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W3	Synaphobranchus brevidorsalis	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W3	Synaphobranchus oregoni	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W3	Synaphobranchus oregoni	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W3	Synaphobranchus oregoni	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Coelorhynchus caribbaeus	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Coelorhynchus caribbaeus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Coelorhynchus caribbaeus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis cirratus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis cirratus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	Urophycis cirratus	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2	Trichopeltarium nobile	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Stereomastis sculpta	6	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Synaphobranchus brevidorsalis	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Synaphobranchus oregoni	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Synaphobranchus oregoni	2	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3	Synaphobranchus oregoni	2	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C4	Geryon quinquedens	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Table B-9 (cont'd)

ORGANISM SAMPLES CRUISE 2 MMS

STN	SPECIES	# OF IND	TISSUE	N-C22 (ppb)	N-C23 (ppb)	N-C24 (ppb)	N-C25 (ppb)	N-C26 (ppb)	N-C27 (ppb)	N-C28 (ppb)	N-C29 (ppb)	N-C30 (ppb)	N-C31 (ppb)	N-C32 (ppb)
E1	Geryon quinquedens	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E1	Penaeopsis serrata	15	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E1	Urophycis cirratus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E1	Urophycis cirratus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E2	Chaunax pictus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E2	Chaunax pictus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E2	Nematocarcinus rotundus	12	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E2	Nezumia aequalis	4	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E2	Nezumia aequalis	4	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E3	Bathygadus melanobranchus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E3	Bathygadus melanobranchus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E3	Glyphocrangon aculeata	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E3	Nematocarcinus rotundus	5	Muscle	106.2	84.6	79.7	80.3	113.2	91.9	62.0	137.3	49.5	246.8	20.9
E3	Stereomastis sculpta	6	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E3	Synaphobranchus brevidorsalis	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E3	Synaphobranchus brevidorsalis	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E3	Synaphobranchus brevidorsalis	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E4	Acanthephyra eximia	4	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E4	Bathypterois quadrifilis	5	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E4	Dicrolene sp.	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E4	Epigonus pandionus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E4	Epigonus pandionus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E4	Gadomus longifilis	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E4	Monomitopus sp.	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E4	Nematocarcinus rotundus	8	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table B-9 (cont'd)

ORGANISM SAMPLES CRUISE 3 MMS

STN	SPECIES	# OF IND	TISSUE	N-C22 (ppb)	N-C23 (ppb)	N-C24 (ppb)	N-C25 (ppb)	N-C26 (ppb)	N-C27 (ppb)	N-C28 (ppb)	N-C29 (ppb)	N-C30 (ppb)	N-C31 (ppb)	N-C32 (ppb)
C01	Bemprops gobioides	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Brunisculus inberbis	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Brunisculus inberbis	2	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Brunisculus inberbis	3	Liver	184.5	184.0	108.0	321.4	90.2	588.0	560.2	1024.9	451.4	C	235.1
C01	Coelorhynchus caribbaeus	4	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Coelorhynchus caribbaeus	4	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Parapenaeus longirostris	4	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Penaeopsis serrata	17	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Steindarchneria argentia	4	Gonad	57.7	59.7	40.8	56.7	63.6	123.4	124.5	275.2	86.2	C	0.0
C01	Urophycis cirratus	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Urophycis cirratus	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01	Urophycis cirratus	2	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Chaunax pictus	4	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Chaunax pictus	4	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Coryphaenoides colon	3	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Coryphaenoides colon	3	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Coryphaenoides colon	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Plesionika holthuisi	16	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Stereomastis sculpta	5	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Synaphobranchus brevidorsalis	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C02	Synaphobranchus brevidorsalis	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C03	Coryphaenoides colon	2	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C03	Coryphaenoides colon	2	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C03	Coryphaenoides colon	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C03	Coryphaenoides mexicanus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C03	Coryphaenoides mexicanus	1	Gonad	168.0	188.9	197.2	97.5	88.7	143.1	75.5	112.3	0.0	434.5	0.0
C03	Coryphaenoides mexicanus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C03	Dicrolene sp.	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C03	Geryon quinquedens	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C03	Monomitopus sp.	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C03	Stereomastis sculpta	12	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C05	Coryphaenoides macrocephalis	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C05	Coryphaenoides macrocephalis	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C05	Plesiopenaeus armatus	7	Muscle	10.1	34.5	58.4	132.4	81.5	153.5	66.6	152.3	19.0	C	13.5
C05	Urophycis cirratus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table B-9 (cont'd)

ORGANISM SAMPLES CRUISE 3 MMS

STN	SPECIES	# OF IND	TISSUE	N-C22 (ppb)	N-C23 (ppb)	N-C24 (ppb)	N-C25 (ppb)	N-C26 (ppb)	N-C27 (ppb)	N-C28 (ppb)	N-C29 (ppb)	N-C30 (ppb)	N-C31 (ppb)	N-C32 (ppb)
C06	Chaunax pictus	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C06	Chaunax pictus	2	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C06	Malacopcephalus occidentalis	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C06	Malacopcephalus occidentalis	1	Muscle	13.7	12.8	9.9	11.2	12.9	13.1	14.1	17.1	7.1	16.6	0.0
C06	Nephropsis aculeata	4	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C06	Nezumia sclerorhynchus	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C06	Penaeopsis serrata	4	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C06	Urophycis cirratus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C06	Urophycis cirratus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C06	Urophycis cirratus	1	Muscle	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C06	Urophycis cirratus	1	Gonad	19.1	20.3	0.0	40.1	23.6	45.5	34.9	44.5	25.5	109.0	26.9
C06	Urophycis cirratus	1	Liver	76.9	24.3	24.2	33.1	63.4	172.4	79.7	392.8	0.0	60.0	19.0
C06	Urophycis cirratus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C07	Gadomus arcuatus	1	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C07	Gadomus arcuatus	1	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C07	Gadomus arcuatus	1	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C07	Geryon quinquedens	2	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C07	Geryon quinquedens	1	Gonad	12.5	26.3	27.6	56.4	47.9	122.7	72.7	203.0	34.1	1002.2	60.8
C07	Heterocarpus oryx	3	Gonad	55.3	58.4	53.2	67.7	84.5	221.6	105.8	373.6	94.1	985.3	0.0
C07	Heterocarpus oryx	3	Muscle	22.8	18.7	15.1	38.5	56.2	190.7	71.8	346.4	20.8	792.2	16.9
C07	Stereomastis sculpta	9	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C07	Synaphobranchus brevidorsalis	3	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C07	Synaphobranchus brevidorsalis	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C07	Synaphobranchus brevidorsalis	3	Gonad	25.8	56.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C08	Coryphaenoides mexicanus	3	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C08	Coryphaenoides mexicanus	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C08	Coryphaenoides mexicanus	3	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C08	Coryphaenoides mexicanus	3	Muscle	8.5	7.3	8.4	7.4	13.6	20.8	12.6	27.5	0.0	76.9	0.0
C08	Coryphaenoides mexicanus	3	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C08	Coryphaenoides mexicanus	3	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C08	Dicrolene sp.	3	Muscle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C08	Dicrolene sp.	3	Gonad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C08	Dicrolene sp.	3	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C08	Geryon quinquedens	2	Muscle	12.2	42.5	55.6	141.9	92.1	283.7	91.5	327.5	22.3	963.4	72.3
C08	Stereomastis sculpta	11	Muscle	9.2	27.1	32.8	81.2	28.8	24.3	12.1	14.8	9.6	46.2	29.2
C10	Geryon quinquedens	1	Gonad	44.9	59.3	42.5	72.6	39.9	124.1	59.4	221.1	23.1	267.2	36.4
C10	Geryon quinquedens	3	Muscle	17.0	13.6	0.0	64.9	50.7	346.1	124.7	393.8	32.1	1204.0	72.1

APPENDIX C

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Table C-1. Station counts for trawl invertebrates from Cruises I-III.

	Cruise I Stations				
Taxa	C1	C2	C3	C4	Total
PORIFERA					
Chondrosia sp.	.	.	.	.	.
HEXACTINELLIDA	.	.	.	.	.
Hyalonema sp.	.	.	.	.	.
LEUCOPSACASIDAE	.	.	.	.	.
Polymastia sp.	2	.	.	.	2
?*Regadrella* sp.	.	.	.	.	.
Stylocordyla sp.	.	.	.	.	.
Tethya sp.B	.	.	.	.	.
Tetilla sp.A	.	.	.	.	.
Thenea sp.A	.	.	.	.	.
Thenea sp.D	.	.	.	.	.
	2	.	.	.	2
ALCYONARIA					
Acanella arbuscula	.	.	.	.	.
Acanella eburnea?	.	.	.	.	.
Acanella sp.	.	.	.	.	.
Anthoptilum grandiflorum	.	.	.	.	.
Candidella sp.	.	.	.	.	.
Chrysogorgia agassizii	.	.	.	.	.
	.	.	.	.	.
ACTINIARIA					
Actinauge longicornis	1	.	.	.	1
ACTINIIDAE	.	.	.	.	.
Actinoscyphia saginata	.	.	.	.	.
ACTINOSTOLIDAE	.	.	.	.	.
Antholoba perdix	2	.	.	.	2
Halcurias pilatus	.	.	.	.	.
HORMATHIIDAE	.	.	.	.	.
	3	.	.	.	3
SCLERACTINEA					
Caryophyllia ambrosia caribbeana	.	.	.	.	.
Deltocyathus italicus	.	.	1	.	1
Stephanocyathus diadema	.	.	.	.	.
	.	.	1	.	1
POLYCHAETA					
Aphrodita sp.A	.	.	.	.	.
APHRODITIDAE	.	.	.	.	.
Asychis gotoi?	.	.	1	.	1
Chloeia viridis	.	.	.	.	.
Ehlersileanira incisa	.	.	.	.	.

Table C-1 (Con't)

	Cruise I Stations				
Taxa	C1	C2	C3	C4	Total
Eunice conglomerans	.	.	.	.	.
Eunice norvegica	.	.	1	.	1
Eunoe sp.A	.	.	.	.	.
Gyptis sp.B	.	.	.	.	.
Haplosyllis spongicola	.	.	.	.	.
Harmothoe sp.	.	.	.	.	.
Hyalinoecia tubicola	.	.	10	.	10
Laetmonice benthaliana?	.	.	.	.	.
MALDANIDAE	.	.	3	1	4
Ophelina sp.B	.	.	.	1	1
Paronuphis sp.A-1	.	.	.	.	.
Sarsonuphis hartmanae	.	.	.	.	.
Sthenolepis sp.A	.	.	.	.	.
Syllis (typosyllis) prolifera	.	.	.	.	.
Synelmis klatti	.	.	.	.	.
Terebella ehrenbergi?	.	.	.	.	.
TEREBELLIDAE	.	.	.	1	1
Terebellides stroemi	.	.	.	.	.
	.	.	15	3	18
GASTROPODA					
Armina sp.	.	.	.	.	.
Buccinum canetae	.	.	4	.	4
Cantrainea n.sp.	.	.	.	.	.
Corinnaeturris sp.	.	.	.	.	.
Gaza fischeri	.	.	.	.	.
Gymnobela sp.	.	.	.	.	.
Hyalorisia galea	.	.	.	.	.
Leucosyrinx tenoceras	.	.	.	.	.
Oocorys bartchi	.	.	.	.	.
Oocorys sulcata	.	.	.	.	.
Philene alba	3	.	.	.	3
Scaphander bathymophilus	.	.	1	.	1
Scaphander clavis	.	.	1	.	1
Scaphander watsoni	18	.	.	.	18
Scaphella dubia	1	.	.	.	1
Trochidae n. sp.	.	.	1	.	1
Trophon aculeatus	.	.	.	.	.
Xenophora longleyi	.	.	.	.	.
	22	.	7	.	29
BIVALVIA					
Amygdalum politum?	.	.	.	.	.
Anodontia philippiana?	.	.	.	.	.
Calyptogenia ponderosa	.	.	3	.	3
Cardiomya sp.	.	.	.	.	.
Cuspidaria rostrata?	1	.	.	.	1

Table C-1 (Con't)

Taxa	Cruise I Stations				
	C1	C2	C3	C4	Total
?*Cuspidaria* sp.	.	.	.	.	.
Limopsis aurita?	.	.	.	6	6
Limopsis sp.	.	.	1	.	1
Lucinoma filosa	.	.	2	.	2
Lyonsiella sp.A	.	.	.	.	.
Nucula callicredemna	.	.	.	.	.
Poromya sp.	.	1	.	.	1
Propeamussium sp.	.	2	15	12	29
Propeamussium sp.A	.	.	.	.	.
Propeamussium sp.C	.	.	.	.	.
Propeamussium sp.D	.	.	.	.	.
Tellina sp.A	3	.	.	.	3
Tellina sp.B	.	.	8	.	8
Vesicomya cordata	.	.	1	.	1
	4	3	30	18	55
SCAPHOPODA					
Dentalium perlongum	.	.	.	2	2
	.	.	.	2	2
CEPHALOPODA					
Octopus burryi	1	.	.	.	1
Octopus defilippi	.	.	.	.	.
Octopus joubini	.	.	.	.	.
Opisthoteuthis agassizi	.	.	.	.	.
Pholidoteuthis adami	.	.	.	.	.
Rossia bullisi	.	.	.	.	.
Semirossia equalis	3	.	.	.	3
	4	.	.	.	4
PYCNOGONIDA					
Pallenopsis scoparia	.	.	.	.	.
	.	.	.	.	.
CIRRIPEDIA					
Amigdoscalpellum aurivillii aurivilli	.	.	.	.	.
Amigdoscalpellum semisculptum	.	.	.	.	.
Catherinum albatrossianum?	.	.	.	.	.
CYPRIS LARVAE	.	.	.	.	.
Euscalpellum stratum	.	.	.	.	.
Megalasma carinatum	.	.	.	.	.
Octolasmis geryonophilia	.	.	.	.	.
Trilasmis kaempferi inaequilaterale	18	.	.	.	18
Verruca nexa	25	.	.	.	25
Verum idioplax	.	.	.	1	1
	43	.	.	1	44

Table C-1 (Con't)

Taxa	Cruise I Stations C1	C2	C3	C4	Total
ISOPODA					
Aega sp.285	.	.	.	.	.
Bathynomus giganteus	.	1	.	.	1
	.	1	.	.	1
AMPHIPODA					
Epimera n.sp.2	.	.	.	.	.
Epimeria sp.1	.	.	.	.	.
Oediceroides abyssorum?	.	.	.	1	1
Trischizostoma longirostre?	.	.	.	.	.
?*Valettiopsis* sp.1	.	.	.	.	.
	.	.	.	1	1
PENAEIDEA					
Benthesicymus bartletti	.	.	5	.	5
Benthesicymus cereus/iridescens	.	.	.	.	.
Hemipenaeus carpenteri	.	.	.	.	.
Hymenopenaeus aphoticus	.	.	.	.	.
Hymenopenaeus debilis	.	.	.	.	.
Hymenopenaeus robustus	.	.	.	.	.
Parapenaeus longirostris	37	.	.	.	37
Penaeopsis serrata	8	.	.	.	8
Plesiopenaeus armatus	.	.	.	.	.
Plesiopenaeus edwardsianus	.	.	.	.	.
Solenocera necopina	1	.	.	.	1
	46	.	5	.	51
CARIDEA					
Acanthephyra armata	.	1	.	.	1
Acanthephyra eximia	.	.	.	.	.
Acanthephyra microphthalma	.	.	.	.	.
Bathypalaemonella serratipalma	.	.	.	.	.
Bathypalaemonella texana	.	.	.	.	.
Glyphocrangon aculeata	.	.	.	1	1
Glyphocrangon alispina	.	12	.	.	12
Glyphocrangon longleyi	.	.	.	.	.
Glyphocrangon nobilis	.	1	1	2	4
Heterocarpus ensifer	.	.	.	.	.
Heterocarpus oryx	.	.	.	.	.
Metacrangon jacqueti agassizii	.	.	.	.	.
Nematocarcinus ensifer	.	.	.	.	.
Nematocarcinus rotundus	.	13	7	2	22
Parapandalus willisi	7	.	.	.	7
Periclimenes pandionis	.	.	.	.	.
Plesionika acanthonotus	.	.	.	.	.
Plesionika holthuisi	.	13	3	.	16
Plesionika tenuipes	.	.	.	.	.

Table C-1 (Con't)

	Cruise I Stations				
Taxa	C1	C2	C3	C4	Total
Pontocaris caribbaeus	1	.	.	.	1
Pontophilus gracilis	.	6	2	.	8
Prionocrangon pectinata	.	2	.	.	2
Psalidopus barbouri	.	1	.	.	1
Spongicoloides n.sp.	.	.	.	.	.
	8	49	13	5	75
GALATHEIDAE					
Munida forceps	1	.	.	.	1
Munida irrasa	.	.	.	.	.
Munida longipes	23	.	.	.	23
Munida microphthalma	.	.	.	.	.
Munida sp.	.	.	.	.	.
Munida valida	.	2	3	.	5
Munidopsis abbreviata	.	.	.	.	.
Munidopsis alaminos	.	.	.	.	.
Munidopsis erinaceus	.	.	.	.	.
Munidopsis longimanus	.	.	.	.	.
Munidopsis polita	.	.	.	.	.
Munidopsis robusta	.	.	.	.	.
Munidopsis sigsbei	.	.	.	.	.
Munidopsis simplex	.	.	.	.	.
Munidopsis spinosa	.	.	.	.	.
	24	2	3	.	29
ANOMURA					
Axiopsis sp.A	.	.	.	.	.
Catapaguroides microps	.	.	1	1	2
Gastroptychus spinifer	.	.	.	.	.
Lithodes agassizii	.	.	2	.	2
Paguristes sp.	1	.	.	.	1
Pagurus rotundimanus	.	.	.	.	.
Parapagurus bicristatus	.	.	1	.	1
Parapagurus n. sp.	.	.	2	.	2
Parapagurus nudus	.	.	.	.	.
Parapagurus pictus	.	.	.	.	.
Parapagurus pilosimanus	.	3	.	.	3
Parapagurus sp.	.	.	.	.	.
Porcellana sigsbeiana	1	.	.	.	1
Uroptychus nitidus	.	.	.	.	.
	2	3	6	1	12
POLYCHELIDAE					
Polycheles crucifer	.	.	.	.	.

Table C-1 (Con't)

	Cruise I Stations				
Taxa	C1	C2	C3	C4	Total
Polycheles typhlops	.	.	.	.	.
Polycheles validus	.	.	.	.	.
Scyllarus chacei	.	.	.	.	.
Stereomastis sculpta	.	1	13	2	16
	.	1	13	2	16
NEPHROPIDAE					
Nephropsis aculeata	1	.	.	.	1
Nephropsis agassizi	.	.	.	.	.
Nephropsis rosea	.	1	1	.	2
	1	1	1	.	3
BRACHYURA					
Acanthocarpus alexandri	7	.	.	.	7
Bathynectes superba	.	.	.	.	.
Bathyplax typhla	.	13	4	.	17
Benthochascon schmitti	1	.	.	.	1
Chacellus filiformis	1	.	.	.	1
Collodes leptocheles	1	.	.	.	1
Ethusa microphthalma	6	1	.	.	7
Geryon quinquedens	.	.	2	.	2
Lyreidus bairdii	20	.	.	.	20
Palicus gracilis	1	.	.	.	1
Pyromaia arachna	7	.	.	.	7
Rochinia crassa	.	.	.	.	.
Rochinia umbonata	.	.	1	.	1
Stenocionops spinimana	.	.	.	.	.
Thalassoplax angusta	.	.	.	.	.
Trichopeltarion nobile	.	1	.	.	1
	44	15	7	.	66
STOMATOPODA					
Squilla edentata	4	.	.	.	4
	4	.	.	.	4
BRACHIOPODA					
Ecnomiosa gerda	.	.	.	.	.
	.	.	.	.	.
ASTEROIDEA					
Astropecten americanus	11	.	.	.	11
Astropecten comptus	1	.	.	.	1
ASTROPECTINIDAE	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise I Stations C1	C2	C3	C4	Total
Benthopecten simplex	.	.	.	.	.
BRISINGIDAE	.	.	3	.	3
Ceramaster grenadensis	.	.	.	.	.
Cheiraster mirabilis	.	.	.	.	.
Dipsacaster sp.	.	.	.	.	.
Dytaster insignis	.	.	.	.	.
GONIASTERIDAE	.	.	1	.	1
Goniopecten demonstrans	.	.	.	.	.
Henricia antillarum	.	.	.	.	.
Hymenaster sp.	.	.	.	.	.
HYMENASTERIDAE	.	.	.	.	.
Litonotaster intermedius	.	.	.	.	.
Mediaster pedicellaris	.	.	.	.	.
Novodinia antillensis	.	.	.	.	.
Nymphaster arenatus	.	.	.	2	2
Odontaster hispidus	.	.	.	.	.
Pectinaster gracilis	.	.	5	.	5
Persephonaster echinulatus	.	.	.	.	.
Plinthaster dentatus	.	.	1	.	1
Plutonaster intermedius	.	.	2	.	2
Pseudarchaster gracilis	.	.	.	.	.
Pseudarchaster sp.	.	.	.	.	.
Pteraster personatus	.	.	.	.	.
Tosia parva	.	.	.	.	.
Zoroaster fulgens	.	.	.	.	.
	12	.	12	2	26
OPHIUROIDEA					
Amphiactis duplicata	.	.	.	.	.
Amphilepis ingolfiana?	.	.	.	.	.
Amphiophiura sculptilis	.	.	1	1	2
Amphioplus incisus	.	.	.	.	.
Amphiura sp.	.	.	.	.	.
Asteroschema tenue?	.	.	.	.	.
Bathypectinura heros	.	.	7	.	7
Homalophiura inornata	.	.	1	.	1
Ophiacantha echinulata	.	.	.	.	.
Ophiacantha sp.A	.	.	1	.	1
Ophiacantha sp.B	.	.	.	.	.
Ophiernus adspersus	.	.	47	.	47
Ophiernus vallinicola	.	.	.	.	.
Ophiocamax fasciculata	.	.	.	.	.
Ophiochiton grandis	.	.	.	.	.
Ophiochondrus convolutus?	.	.	1	.	1
Ophiocreas spinulosus	.	.	1	.	1
Ophiolipus agassizii	74	.	3	.	77
Ophiomusium armigerum	.	.	.	.	.

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Table C-1 (Con't)

Taxa	Cruise I Stations				
	C1	C2	C3	C4	Total
Ophiomusium eburneum	.	.	.	.	.
Ophiomusium leptobrachium	.	.	.	.	.
Ophiomusium sp.	.	.	.	.	.
Ophiomusium testudo?	.	.	1	.	1
Ophiomusium testudo	.	.	.	.	.
Ophioprium permixtum	.	.	1	.	1
Ophiozonella nivea	.	.	.	.	.
Ophiura acervata	2	.	.	.	2
Ophiura falcifera	.	.	.	.	.
Ophiura sp.A	.	.	.	1	1
OPHIURIDAE	.	.	1	.	1
	76	.	65	2	143
ECHINOIDEA					
Aspidodiadema jacobyi	.	.	.	.	.
Brissopsis alta	4	.	.	.	4
Brissopsis atlantica	1	.	.	.	1
Brissopsis sp.	10	.	.	.	10
Echinocyamus macrostomus	.	.	.	.	.
Echinus tylodes	.	.	.	.	.
Phormosoma placenta	.	.	.	2	2
Plesiodiadema antillarum	.	2	.	16	18
	15	2	.	18	35
HOLOTHUROIDEA					
Bathyplotes natans?	.	.	.	.	.
Benthodytes lingua	.	.	.	.	.
Benthodytes typica	.	.	.	.	.
Deima validum	.	.	.	.	.
Echinocucumis hispida	.	.	.	1	1
Enypniastes sp.	.	.	.	.	.
Mesothuria lactea	.	.	6	.	6
Molpadia barbouri	.	.	1	.	1
Molpadia blakei	.	.	1	.	1
Molpadia cubana	.	.	.	.	.
Molpadia musculus	.	.	.	.	.
Protankyra sp.	.	.	.	.	.
Pseudostichopus sp.	.	.	.	.	.
Pseudostichopus sp.A	.	.	.	.	.
Pseudostichopus sp.B	.	.	.	.	.
Psychropotes depressa	.	.	.	.	.
	.	.	8	1	9
CRINOIDEA					
Atelecrinus balanoides	.	.	.	.	.

Table C-1 (Con't)

	Cruise I Stations				
Taxa	C1	C2	C3	C4	Total
Democrinus brevis	.	.	7	.	7
	.	.	7	.	7

Table C-1 (Con't)

	Cruise II Stations					
Taxa	W1	W2	W3	W4	W5	Total
PORIFERA						
Chondrosia sp.	.	.	.	.	.	.
HEXACTINELLIDA	.	.	.	.	.	.
Hyalonema sp.	.	.	1	.	.	1
LEUCOPSACASIDAE	2	.	.	.	.	2
Polymastia sp.	.	.	.	28	7	35
?*Regadrella* sp.	.	.	.	.	2	2
Stylocordyla sp.	.	.	.	.	.	.
Tethya sp.B	.	.	.	.	.	.
Tetilla sp.A	.	.	.	1	.	1
Thenea sp.A	.	.	.	.	.	.
Thenea sp.D	.	.	.	.	1	1
	2	.	1	29	10	42
ALCYONARIA						
Acanella arbuscula	.	.	.	.	.	.
Acanella eburnea?	.	.	.	.	.	.
Acanella sp.	.	.	.	.	.	.
Anthoptilum grandiflorum	.	.	.	.	.	.
Candidella sp.	.	.	.	.	.	.
Chrysogorgia agassizii	.	.	.	.	.	.
	.	.	.	.	.	.
ACTINIARIA						
Actinauge longicornis	18	.	.	.	.	18
ACTINIIDAE	.	.	.	.	.	.
Actinoscyphia saginata	.	.	.	.	.	.
ACTINOSTOLIDAE	.	.	.	.	.	.
Antholoba perdix	.	.	.	.	.	.
Halcurias pilatus	2	.	.	.	.	2
HORMATHIIDAE	9	.	.	.	.	9
	29	.	.	.	.	29
SCLERACTINEA						
Caryophyllia ambrosia caribbeana	.	.	7	.	.	7
Deltocyathus italicus	.	.	.	.	.	.
Stephanocyathus diadema	.	.	.	.	.	.
	.	.	7	.	.	7
POLYCHAETA						
Aphrodita sp.A	.	.	.	.	.	.
APHRODITIDAE	.	1	.	.	.	1
Asychis gotoi?	.	.	.	.	.	.
Chloeia viridis	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise II Stations W1	W2	W3	W4	W5	Total
Ehlersileanira incisa	.	.	.	.	.	.
Eunice conglomerans	10	.	.	.	.	10
Eunice norvegica	.	.	.	.	.	.
Eunoe sp.A	.	.	.	.	.	.
Gyptis sp.B	.	.	.	.	.	.
Haplosyllis spongicola	1	.	.	.	.	1
Harmothoe sp.	1	.	.	.	.	1
Hyalinoecia tubicola	.	.	.	.	.	.
Laetmonice benthaliana?	.	.	.	.	.	.
MALDANIDAE	.	.	.	.	.	.
Ophelina sp.B	.	.	.	.	.	.
Paronuphis sp.A-1	.	.	.	.	.	.
Sarsonuphis hartmanae	.	.	.	.	.	.
Sthenolepis sp.A	.	.	1	.	.	1
Syllis (typosyllis) prolifera	1	.	.	.	.	1
Synelmis klatti	.	.	.	.	.	.
Terebella ehrenbergi?	1	.	.	.	.	1
TEREBELLIDAE	.	.	.	.	.	.
Terebellides stroemi	.	.	.	.	.	.
	14	1	1	.	.	16
GASTROPODA						
Armina sp.	.	.	.	.	.	.
Buccinum canetae	.	.	.	.	.	.
Cantrainea n.sp.	.	.	.	.	.	.
Corinnaeturris sp.	.	.	.	.	.	.
Gaza fischeri	.	.	1	.	.	1
Gymnobela sp.	.	.	.	.	.	.
Hyalorisia galea	1	.	.	.	.	1
Leucosyrinx tenoceras	.	.	.	.	.	.
Oocorys bartchi	.	.	.	.	.	.
Oocorys sulcata	.	.	.	.	.	.
Philene alba	.	.	.	.	.	.
Scaphander bathymophilus	.	.	.	.	.	.
Scaphander clavis	.	.	.	.	.	.
Scaphander watsoni	.	.	.	.	.	.
Scaphella dubia	.	.	.	.	.	.
Trochidae n. sp.	.	.	.	.	.	.
Trophon aculeatus	.	.	.	.	.	.
Xenophora lognleyi	.	.	.	.	.	.
	1	.	1	.	.	2
BIVALVIA						
Amygdalum politum?	.	.	.	.	.	.
Anodontia philippiana?	117	.	.	.	.	117
Calyptogenia ponderosa	.	.	.	.	.	.

Table C-1 (Con't)

	Cruise II Stations					
Taxa	W1	W2	W3	W4	W5	Total
Cardiomya sp.	.	.	.	.	.	.
Cuspidaria rostrata?	.	.	.	.	.	.
?*Cuspidaria* sp.	.	.	.	.	1	1
Limopsis aurita?	.	.	.	.	.	.
Limopsis sp.	.	.	.	.	.	.
Lucinoma filosa	8	.	.	.	.	8
Lyonsiella sp.A	.	.	.	.	.	.
Nucula callicredemna	1	.	.	.	.	1
Poromya sp.	.	.	.	.	.	.
Propeamussium sp.	4	.	2	22	.	28
Propeamussium sp.A	.	.	.	.	.	.
Propeamussium sp.C	.	.	.	.	.	.
Propeamussium sp.D	.	.	.	.	.	.
Tellina sp.A	.	.	.	.	.	.
Tellina sp.B	.	.	.	.	.	.
Vesicomya cordata	.	.	.	.	.	.
	130	.	2	22	1	155
SCAPHOPODA						
Dentalium perlongum	.	.	.	.	.	.
	.	.	.	.	.	.
CEPHALOPODA						
Octopus burryi	.	.	.	.	.	.
Octopus defilippi	.	.	.	.	1	1
Octopus joubini	.	.	.	.	1	1
Opisthoteuthis agassizi	.	.	.	.	.	.
Pholidoteuthis adami	.	.	.	.	.	.
Rossia bullisi	1	.	.	.	.	1
Semirossia equalis	.	.	.	.	.	.
	1	.	.	.	2	3
PYCNOGONIDA						
Pallenopsis scoparia	.	.	.	.	.	.
	.	.	.	.	.	.
CIRRIPEDIA						
Amigdoscalpellum aurivillii aurivilli	.	.	.	.	.	.
Amigdoscalpellum semisculptum	.	.	.	.	.	.
Catherinum albatrossianum?	.	.	.	.	.	.
CYPRIS LARVAE	.	.	.	.	.	.
Euscalpellum stratum	1	.	.	.	.	1
Megalasma carinatum	.	.	.	.	.	.
Octolasmis geryonophilia	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise II Stations					
	W1	W2	W3	W4	W5	Total
Trilasmis kaempferi inaequilaterale	.	.	.	.	.	.
Verruca nexa	.	.	.	.	.	.
Verum idioplax	.	.	.	.	.	.
	1	.	.	.	.	1
ISOPODA						
Aega sp.285	.	.	.	.	.	.
Bathynomus giganteus	.	1	.	.	.	1
	.	1	.	.	.	1
AMPHIPODA						
Epimera n.sp.2	.	.	.	.	.	.
Epimeria sp.1	.	.	.	.	.	.
Oediceroides abyssorum?	.	.	.	.	.	.
Trischizostoma longirostre?	.	.	.	.	.	.
?*Valettiopsis* sp.1	.	.	.	.	.	.
	.	.	.	.	.	.
PENAEIDEA						
Benthesicymus bartletti	.	.	8	3	.	11
Benthesicymus cereus/iridescens	.	.	.	.	.	.
Hemipenaeus carpenteri	.	.	.	.	.	.
Hymenopenaeus aphoticus	.	.	.	.	.	.
Hymenopenaeus debilis	.	2	.	.	.	2
Hymenopenaeus robustus	3	1	.	.	.	4
Parapenaeus longirostris	.	.	.	.	.	.
Penaeopsis serrata	636	.	.	.	.	636
Plesiopenaeus armatus	.	.	.	.	.	.
Plesiopenaeus edwardsianus	.	.	.	.	.	.
Solenocera necopina	.	.	.	.	.	.
	639	3	8	3	.	653
CARIDEA						
Acanthephyra armata	.	.	1	.	.	1
Acanthephyra eximia	.	.	.	.	.	.
Acanthephyra microphthalma	.	.	.	.	.	.
Bathypalaemonella serratipalma	.	.	.	.	.	.
Bathypalaemonella texana	.	.	.	.	.	.
Glyphocrangon aculeata	.	.	20	.	.	20
Glyphocrangon alispina	.	.	.	.	.	.
Glyphocrangon longleyi	.	4	.	.	.	4
Glyphocrangon nobilis	.	.	.	.	1	1
Heterocarpus ensifer	2	.	.	.	.	2
Heterocarpus oryx	.	.	.	.	.	.

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Table C-1 (Con't)

Taxa	W1	W2	W3	W4	W5	Total
	Cruise II Stations					
Metacrangon jacqueti agassizii	.	.	.	.	.	.
Nematocarcinus ensifer	.	.	.	.	3	3
Nematocarcinus rotundus	.	23	60	9	.	92
Parapandalus willisi	5	.	.	.	.	5
Periclimenes pandionis	.	.	.	.	.	.
Plesionika acanthonotus	.	.	.	.	.	.
Plesionika holthuisi	.	27	.	.	.	27
Plesionika tenuipes	.	.	.	.	.	.
Pontocaris caribbaeus	.	.	.	.	.	.
Pontophilus gracilis	.	.	.	.	.	.
Prionocrangon pectinata	.	.	.	.	.	.
Psalidopus barbouri	.	.	.	.	.	.
Spongicoloides n.sp.	.	.	.	.	.	.
	7	54	81	9	4	155
GALATHEIDAE						
Munida forceps	.	.	.	.	.	.
Munida irrasa	1	.	.	.	.	1
Munida longipes	24	.	.	.	.	24
Munida microphthalma	.	.	.	.	.	.
Munida sp.	.	.	.	.	.	.
Munida valida	.	4	2	.	.	6
Munidopsis abbreviata	.	.	.	.	.	.
Munidopsis alaminos	.	.	.	.	.	.
Munidopsis erinaceus	.	.	.	.	.	.
Munidopsis longimanus	.	.	.	.	.	.
Munidopsis polita	1	.	.	.	.	1
Munidopsis robusta	13	.	.	.	.	13
Munidopsis sigsbei	.	.	3	.	.	3
Munidopsis simplex	.	.	.	1	.	1
Munidopsis spinosa	.	.	8	.	.	8
	39	4	13	1	.	57
ANOMURA						
Axiopsis sp.A	.	.	.	.	.	.
Catapaguroides microps	.	.	.	.	.	.
Gastroptychus spinifer	.	.	.	.	.	.
Lithodes agassizii	.	.	.	.	.	.
Paguristes sp.	.	.	.	.	.	.
Pagurus rotundimanus	2	.	.	.	.	2
Parapagurus bicristatus	.	.	.	.	.	.
Parapagurus n. sp.	.	.	.	1	.	1
Parapagurus nudus	.	.	.	.	.	.
Parapagurus pictus	2	.	.	.	1	3
Parapagurus pilosimanus	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise II Stations					
	W1	W2	W3	W4	W5	Total
Parapagurus sp.	.	.	.	.	.	.
Porcellana sigsbeiana	.	.	.	.	.	.
Uroptychus nitidus	.	.	.	1	.	1
	4	.	.	2	1	7
POLYCHELIDAE						
Polycheles crucifer	.	.	.	.	.	.
Polycheles typhlops	.	1	.	.	.	1
Polycheles validus	.	.	.	.	.	.
Scyllarus chacei	1	.	.	.	.	1
Stereomastis sculpta	.	.	18	4	.	22
	1	1	18	4	.	24
NEPHROPIDAE						
Nephropsis aculeata	.	.	.	.	.	.
Nephropsis agassizi	.	.	2	.	.	2
Nephropsis rosea	.	.	.	.	.	.
	.	.	2	.	.	2
BRACHYURA						
Acanthocarpus alexandri	1	.	.	.	.	1
Bathynectes superba	2	.	.	.	.	2
Bathyplax typhla	.	21	1	.	.	22
Benthochascon schmitti	1	.	.	.	.	1
Chacellus filiformis	.	.	.	.	.	.
Collodes leptocheles	.	.	.	.	.	.
Ethusa microphthalma	.	.	.	.	.	.
Geryon quinquedens	.	.	6	.	.	6
Lyreidus bairdii	25	.	.	.	.	25
Palicus gracilis	2	.	.	.	.	2
Pyromaia arachna	9	.	.	.	.	9
Rochinia crassa	1	.	.	.	.	1
Rochinia umbonata	.	.	.	.	.	.
Stenocionops spinimana	1	.	.	.	.	1
Thalassoplax angusta	.	.	.	.	.	.
Trichopeltarion nobile	.	.	.	.	.	.
	42	21	7	.	.	70
STOMATOPODA						
Squilla edentata	.	.	.	.	.	.
	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise II Stations W1	W2	W3	W4	W5	Total
BRACHIOPODA						
Ecnomiosa gerda	.	.	.	.	.	.
	.	.	.	.	.	.
ASTEROIDEA						
Astropecten americanus	1	.	.	.	.	1
Astropecten comptus	.	.	.	.	.	.
ASTROPECTINIDAE	.	.	.	.	.	.
Benthopecten simplex	.	.	.	.	.	.
BRISINGIDAE	.	.	.	.	.	.
Ceramaster grenadensis	.	.	.	.	.	.
Cheiraster mirabilis	.	.	.	.	.	.
Dipsacaster sp.	.	.	.	.	1	1
Dytaster insignis	.	.	.	.	.	.
GONIASTERIDAE	.	.	.	.	.	.
Goniopecten demonstrans	.	.	.	.	.	.
Henricia antillarum	.	.	.	.	.	.
Hymenaster sp.	.	2	.	.	.	2
HYMENASTERIDAE	.	.	.	.	.	.
Litonotaster intermedius	.	.	.	.	.	.
Mediaster pedicellaris	.	.	.	.	.	.
Novodinia antillensis	.	.	.	.	.	.
Nymphaster arenatus		1	.	.	.	1
Odontaster hispidus		.	.	.	.	2
Pectinaster gracilis	.	19	.	.	.	19
Persephonaster echinulatus	.	.	.	.	.	.
Plinthaster dentatus	.	.	.	.	.	.
Plutonaster intermedius	.	.	.	.	.	.
Pseudarchaster gracilis	.	.	.	.	.	.
Pseudarchaster sp.	.	.	.	.	3	3
Pteraster personatus	.	.	.	.	.	.
Tosia parva	.	.	.	.	.	.
Zoroaster fulgens	.	.	.	.	.	.
	3	22	.	.	4	29
OPHIUROIDEA						
Amphiactis duplicata	.	.	.	1	.	1
Amphilepis ingolfiana?	.	.	.	.	.	.
Amphiophiura sculptilis	.	.	.	.	.	.
Amphioplus incisus	.	.	.	.	.	.
Amphiura sp.	.	.	.	.	.	.
Asteroschema tenue?	1	.	.	.	.	1
Bathypectinura heros	.	.	.	.	.	.
Homalophiura inornata	.	.	.	.	.	.
Ophiacantha echinulata	.	.	.	.	.	.
Ophiacantha sp.A	.	.	.	.	.	.
Ophiacantha sp.B	.	.	.	.	.	.

Table C-1 (Con't)

	Cruise II Stations					
Taxa	W1	W2	W3	W4	W5	Total
Ophiernus adspersus	.	.	.	.	.	.
Ophiernus vallinicola	.	.	.	.	.	.
Ophiocamax fasciculata	.	.	.	.	.	.
Ophiochiton grandis	.	.	.	.	.	.
Ophiochondrus convolutus?	.	.	.	.	.	.
Ophiocreas spinulosus	.	.	.	.	.	.
Ophiolipus agassizii	.	.	.	.	.	.
Ophiomusium armigerum	.	.	.	.	.	.
Ophiomusium eburneum	.	.	.	.	.	.
Ophiomusium leptobrachium	.	.	.	.	.	.
Ophiomusium sp.	.	.	.	.	.	.
Ophiomusium testudo?	.	.	.	.	.	.
Ophiomusium testudo	.	.	.	.	.	.
Ophioprium permixtum	.	.	.	.	.	.
Ophiozonella nivea	.	.	.	.	.	.
Ophiura acervata	.	.	.	.	.	.
Ophiura falcifera	.	.	.	.	.	.
Ophiura sp.A	.	.	.	3	.	3
OPHIURIDAE	.	.	.	.	.	.
	1	.	.	4	.	5
ECHINOIDEA						
Aspidodiadema jacobyi	.	.	.	.	.	.
Brissopsis alta	.	.	.	.	.	.
Brissopsis atlantica	.	.	.	.	.	.
Brissopsis sp.	.	.	.	.	.	.
Echinocyamus macrostomus	.	.	.	.	.	.
Echinus tylodes	.	.	.	.	.	.
Phormosoma placenta	.	.	.	.	.	.
Plesiodiadema antillarum	.	.	.	.	.	.
	.	.	.	.	.	.
HOLOTHUROIDEA						
Bathyplotes natans?	.	.	.	.	.	.
Benthodytes lingua	.	.	.	.	.	.
Benthodytes typica	.	.	.	.	.	.
Deima validum	.	.	.	.	.	.
Echinocucumis hispida	.	.	.	.	.	.
Enypniastes sp.	.	.	.	.	.	.
Mesothuria lactea	.	.	.	.	.	.
Molpadia barbouri	.	.	2	.	.	2
Molpadia blakei	.	.	.	.	.	.
Molpadia cubana	.	.	.	.	.	.
Molpadia musculus	.	.	.	.	.	.
Protankyra sp.	.	.	.	.	.	.
Pseudostichopus sp.	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise II Stations					
	W1	W2	W3	W4	W5	Total
Psaudostichopus sp.A	.	.	.	.	4	4
Pseudostichopus sp.B	.	.	.	.	3	3
Psychropotes depressa	.	.	.	.	.	.
	.	.	2	.	7	9
CRINOIDEA						
Atelecrinus balanoides	.	12	.	.	.	12
Democrinus brevis	.	1	.	.	.	1
	.	13	.	.	.	13

Table C-1 (Con't)

	Cruise II Stations					
Taxa	C1	C2	C3	C4	C5	Total
PORIFERA						
Chondrosia sp.	.	.	2	.	.	2
HEXACTINELLIDA	.	.	.	.	.	.
Hyalonema sp.	.	.	.	.	.	.
LEUCOPSACASIDAE	.	.	.	.	.	.
Polymastia sp.	.	.	3	1	.	4
?*Regadrella* sp.	.	.	.	.	.	.
Stylocordyla sp.	.	.	1	.	.	1
Tethya sp.B	.	.	.	.	.	.
Tetilla sp.A	.	.	.	.	.	.
Thenea sp.A	.	.	.	.	.	.
Thenea sp.D	.	.	1	.	.	1
	.	.	7	1	.	8
ALCYONARIA						
Acanella arbuscula	.	.	.	.	2	2
Acanella eburnea?	.	.	.	.	.	.
Acanella sp.	.	.	.	.	.	.
Anthoptilum grandiflorum	.	.	.	.	.	.
Candidella sp.	.	.	.	4	.	4
Chrysogorgia agassizii	.	.	.	.	.	.
	.	.	.	4	2	6
ACTINIARIA						
Actinauge longicornis	2	.	.	.	.	2
ACTINIIDAE	.	.	.	.	.	.
Actinoscyphia saginata	.	.	.	.	.	.
ACTINOSTOLIDAE	1	.	.	.	.	1
Antholoba perdix	1	.	.	.	.	1
Halcurias pilatus	.	.	.	.	.	.
HORMATHIIDAE	.	.	.	.	.	.
	4	.	.	.	.	4
SCLERACTINEA						
Caryophyllia ambrosia caribbeana	.	.	.	.	.	.
Deltocyathus italicus	.	.	.	.	.	.
Stephanocyathus diadema	.	.	.	.	.	.
	.	.	.	.	.	.
POLYCHAETA						
Aphrodita sp.A	.	.	.	.	.	.
APHRODITIDAE	.	.	.	.	.	.
Asychis gotoi?	.	.	.	.	.	.
Chloeia viridis	.	.	.	.	.	.

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Table C-1 (Con't)

Taxa	Cruise II Stations C1	C2	C3	C4	C5	Total
Ehlersileanira incisa	.	.	.	.	.	.
Eunice conglomerans	.	.	.	.	.	.
Eunice norvegica	.	.	.	.	.	.
Eunoe sp.A	.	.	.	.	.	.
Gyptis sp.B	.	.	.	.	.	.
Haplosyllis spongicola	.	.	.	.	.	.
Harmothoe sp.	.	.	.	.	.	.
Hyalinoecia tubicola	.	.	1	.	.	1
Laetmonice benthaliana?	.	.	.	.	.	.
MALDANIDAE	.	.	.	.	.	.
Ophelina sp.B	.	.	.	.	.	.
Paronuphis sp.A-1	.	.	.	.	.	.
Sarsonuphis hartmanae	.	.	.	.	.	.
Sthenolepis sp.A	.	.	.	.	.	.
Syllis (typosyllis) prolifera	.	.	.	.	.	.
Synelmis klatti	.	.	.	.	.	.
Terebella ehrenbergi?	.	.	.	.	.	.
TEREBELLIDAE	.	.	.	.	.	.
Terebellides stroemi	.	.	.	.	.	.
	.	.	1	.	.	1
GASTROPODA						
Armina sp.	.	.	.	.	.	.
Buccinum canetae	.	.	.	.	.	.
Cantrainea n.sp.	.	.	.	.	.	.
Corinnaeturris sp.	.	.	.	.	.	.
Gaza fischeri	.	.	.	.	.	.
Gymnobela sp.	.	.	.	.	.	.
Hyalorisia galea	8	.	.	.	.	8
Leucosyrinx tenoceras	.	.	.	.	.	.
Oocorys bartchi	.	.	.	.	.	.
Oocorys sulcata	.	.	.	.	.	.
Philene alba	.	.	.	.	.	.
Scaphander bathymophilus	.	.	.	.	.	.
Scaphander clavis	.	1	.	.	.	1
Scaphander watsoni	1	.	.	.	.	1
Scaphella dubia	.	.	.	.	.	.
Trochidae n. sp.	.	.	.	.	.	.
Trophon aculeatus	.	.	.	.	.	.
Xenophora lognleyi	1	.	.	.	.	1
	10	1	.	.	.	11
BIVALVIA						
Amygdalum politum?	.	.	.	.	.	.
Anodontia philippiana?	.	.	.	.	.	.
Calyptogenia ponderosa	.	.	.	.	.	.

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Table C-1 (Con't)

	Cruise II Stations					
Taxa	C1	C2	C3	C4	C5	Total
Cardiomya sp.	.	.	.	.	.	.
Cuspidaria rostrata?	.	.	.	.	.	.
?*Cuspidaria* sp.	.	.	.	.	.	.
Limopsis aurita?	.	.	.	2	.	2
Limopsis sp.	.	.	.	.	.	.
Lucinoma filosa	.	.	.	.	.	.
Lyonsiella sp.A	.	.	.	.	.	.
Nucula callicredemna	.	.	.	.	.	.
Poromya sp.	.	.	.	.	.	.
Propeamussium sp.	73	1	.	23	.	97
Propeamussium sp.A	.	.	.	.	.	.
Propeamussium sp.C	.	.	.	.	.	.
Propeamussium sp.D	.	.	.	.	.	.
Tellina sp.A	2	.	.	.	.	2
Tellina sp.B	.	.	.	3	.	3
Vesicomya cordata	.	.	.	.	.	.
	75	1	.	28	.	104
SCAPHOPODA						
Dentalium perlongum	.	.	.	.	.	.
	.	.	.	.	.	.
CEPHALOPODA						
Octopus burryi	1	.	.	.	.	1
Octopus defilippi	.	.	.	.	.	.
Octopus joubini	.	.	.	.	.	.
Opisthoteuthis agassizi	.	.	.	.	.	.
Pholidoteuthis adami	.	.	.	.	.	.
Rossia bullisi	.	.	.	.	.	.
Semirossia equalis	.	.	.	.	.	.
	1	.	.	.	.	1
PYCNOGONIDA						
Pallenopsis scoparia	.	.	.	.	.	.
	.	.	.	.	.	.
CIRRIPEDIA						
Amigdoscalpellum aurivillii aurivilli	.	.	.	.	.	.
Amigdoscalpellum semisculptum	.	.	.	.	.	.
Catherinum albatrossianum?	.	.	.	.	.	.
CYPRIS LARVAE	.	.	.	.	.	.
Euscalpellum stratum	.	.	.	.	.	.
Megalasma carinatum	.	.	.	.	4	4
Octolasmis geryonophilia	.	.	.	.	.	.

Table C-1 (Con't)

	Cruise II Stations					
Taxa	C1	C2	C3	C4	C5	Total
Trilasmis kaempferi inaequilaterale	1	.	.	.	.	1
Verruca nexa	.	.	.	.	.	.
Verum idioplax	.	.	.	2	.	2
	1	.	.	2	4	7
ISOPODA						
Aega sp.285	.	.	.	.	.	.
Bathynomus giganteus	.	.	.	.	.	.
	.	.	.	.	.	.
AMPHIPODA						
Epimera n.sp.2	.	.	.	.	.	.
Epimeria sp.1	.	.	.	.	.	.
Oediceroides abyssorum?	.	.	.	.	.	.
Trischizostoma longirostre?	.	.	.	.	.	.
?*Valettiopsis* sp.1	.	.	.	1	.	1
	.	.	.	1	.	1
PENAEIDEA						
Benthesicymus bartletti	.	.	.	3	.	3
Benthesicymus cereus/iridescens	.	.	.	.	.	.
Hemipenaeus carpenteri	.	.	.	.	.	.
Hymenopenaeus aphoticus	.	.	.	1	.	1
Hymenopenaeus debilis	.	.	.	.	.	.
Hymenopenaeus robustus	.	.	.	.	.	.
Parapenaeus longirostris	2	.	.	.	.	2
Penaeopsis serrata	.	.	.	.	.	.
Plesiopenaeus armatus	.	.	.	.	.	.
Plesiopenaeus edwardsianus	.	.	.	.	.	.
Solenocera necopina	.	.	.	.	.	.
	2	.	.	4	.	6
CARIDEA						
Acanthephyra armata	.	.	.	.	.	.
Acanthephyra eximia	.	.	.	.	.	.
Acanthephyra microphthalma	.	.	.	.	.	.
Bathypalaemonella serratipalma	.	.	.	.	.	.
Bathypalaemonella texana	.	.	.	.	.	.
Glyphocrangon aculeata	.	.	.	2	.	2
Glyphocrangon alispina	.	2	2	.	.	4
Glyphocrangon longleyi	.	1	.	.	.	1
Glyphocrangon nobilis	.	.	.	11	.	11
Heterocarpus ensifer	.	.	.	.	.	.
Heterocarpus oryx	.	.	.	1	.	1

Table C-1 (Con't)

	Cruise II Stations					
Taxa	C1	C2	C3	C4	C5	Total
Metacrangon jacqueti agassizii	.	.	.	.	.	.
Nematocarcinus ensifer	.	.	.	.	.	.
Nematocarcinus rotundus	.	5	4	2	.	11
Parapandalus willisi	.	.	.	.	.	.
Periclimenes pandionis	.	.	.	.	.	.
Plesionika acanthonotus	.	.	.	.	.	.
Plesionika holthuisi	.	11	2	.	.	13
Plesionika tenuipes	.	.	.	.	.	.
Pontocaris caribbaeus	.	.	.	.	.	.
Pontophilus gracilis	.	1	.	.	.	1
Prionocrangon pectinata	.	.	.	.	.	.
Psalidopus barbouri	.	.	.	.	.	.
Spongicoloides n.sp.	.	.	.	.	.	.
	.	20	8	16	.	44
GALATHEIDAE						
Munida forceps	2	.	.	.	.	2
Munida irrasa	.	.	.	.	.	.
Munida longipes	1	.	.	.	.	1
Munida microphthalma	.	.	.	.	1	1
Munida sp.	.	.	.	.	.	.
Munida valida	.	9	.	.	.	9
Munidopsis abbreviata	.	.	.	.	.	.
Munidopsis alaminos	.	.	.	.	.	.
Munidopsis erinaceus	.	.	.	.	.	.
Munidopsis longimanus	.	.	1	.	.	1
Munidopsis polita	.	.	.	.	.	.
Munidopsis robusta	.	.	.	.	.	.
Munidopsis sigsbei	.	.	.	.	.	.
Munidopsis simplex	.	.	.	.	.	.
Munidopsis spinosa	.	.	.	.	.	.
	3	9	1	.	1	14
ANOMURA						
Anomura X	.	.	.	.	.	.
Axiopsis sp.A	.	.	.	.	.	.
Catapaguroides microps	.	.	.	.	.	.
Gastroptychus spinifer	.	.	.	.	1	1
Lithodes agassizii	.	.	.	1	.	1
Paguristes sp.	.	.	.	.	.	.
Pagurus rotundimanus	.	.	.	.	.	.
Parapagurus bicristatus	.	.	.	.	.	.
Parapagurus n. sp.	.	.	.	.	.	.
Parapagurus nudus	.	.	.	.	.	.
Parapagurus pictus	.	2	.	.	.	2
Parapagurus pilosimanus	.	21	.	.	.	21

Table C-1 (Con't)

	Cruise II Stations					
Taxa	C1	C2	C3	C4	C5	Total
Parapagurus sp.	.	.	.	.	.	.
Porcellana sigsbeiana	2	.	.	.	.	2
Uroptychus nitidus	.	.	.	.	.	.
	2	23	.	1	1	27
POLYCHELIDAE						
Polycheles crucifer	.	.	.	.	.	.
Polycheles typhlops	1	.	.	.	.	1
Polycheles validus	.	.	.	.	.	.
Scyllarus chacei	.	.	.	.	.	.
Stereomastis sculpta	.	2	16	4	.	22
	1	2	16	4	.	23
NEPHROPIDAE						
Nephropsis aculeata	.	.	.	.	.	.
Nephropsis agassizi	.	.	.	.	.	.
Nephropsis rosea	.	2	.	.	.	2
	.	2	.	.	.	2
BRACHYURA						
Acanthocarpus alexandri	1	.	.	.	.	1
Bathynectes superba	2	.	.	.	.	2
Bathyplax typhla	.	38	.	6	.	44
Benthochascon schmitti	30	.	.	.	.	30
Chacellus filiformis	.	.	.	.	.	.
Collodes leptocheles	.	.	.	.	.	.
Ethusa microphthalma	7	.	.	.	.	7
Geryon quinquedens	.	.	.	3	.	3
Lyreidus bairdii	22	.	.	.	.	22
Palicus gracilis	2	.	.	.	.	2
Pyromaia arachna	20	.	.	.	.	20
Rochinia crassa	4	1	.	.	.	5
Rochinia umbonata	.	.	.	.	.	.
Stenocionops spinimana	.	.	.	.	.	.
Thalassoplay angusta	3	.	.	.	.	3
Trichopeltarion nobile	.	6	.	.	.	6
	91	45	.	9	.	145
STOMATOPODA						
Squilla edentata	.	.	.	.	.	.
	.	.	.	.	.	.

Table C-1 (Con't)

	Cruise II Stations					
Taxa	**C1**	**C2**	**C3**	**C4**	**C5**	**Total**
BRACHIOPODA						
Economiosa gerda	.	.	.	.	.	.
	.	.	.	.	.	.
ASTEROIDEA						
Astropecten americanus	.	.	.	.	.	.
Astropecten comptus	.	.	.	.	.	.
ASTROPECTINIDAE	1	.	.	.	.	1
Benthopecten simplex	.	.	.	.	.	.
BRISINGIDAE	.	.	.	.	.	.
Ceramaster grenadensis	.	.	.	1	.	1
Cheiraster mirabilis	.	.	.	.	.	.
Dipsacaster sp.	.	.	1	.	.	1
Dytaster insignis	.	.	.	.	.	.
GONIASTERIDAE	.	.	.	.	.	.
Goniopecten demonstrans	.	.	4	.	.	4
Henricia antillarum	.	.	.	.	.	.
Hymenaster sp.	.	.	.	.	.	.
HYMENASTERIDAE	.	.	.	.	.	.
Litonotaster intermedius	.	.	.	.	.	.
Mediaster pedicellaris	.	.	.	.	.	.
Novodinia antillensis	.	.	.	.	.	.
Nymphaster arenatus	.	.	1	2	.	3
Odontaster hispidus	.	.	.	.	.	.
Pectinaster gracilis	.	1	.	.	.	1
Persephonaster echinulatus	.	4	.	.	.	4
Plinthaster dentatus	.	3	.	.	.	3
Plutonaster intermedius	.	.	.	9	.	9
Pseudarchaster gracilis	.	.	.	.	.	.
Pseudarchaster sp.	.	.	.	.	.	.
Pteraster personatus	.	.	.	.	.	.
Tosia parva	.	.	.	.	.	.
Zoroaster fulgens	.	.	.	.	.	.
	1	8	6	12	.	27
OPHIUROIDEA						
Amphiactis duplicata	.	.	.	.	.	.
Amphilepis ingolfiana?	.	.	.	.	.	.
Amphiophiura sculptilis	.	.	.	.	.	.
Amphioplus incisus	.	.	.	.	.	.
Amphiura sp.	.	.	.	.	.	.
Asteroschema tenue?	.	.	.	.	.	.
Bathypectinura heros	.	1	.	1	.	2
Homalophiura inornata	.	.	.	.	.	.
Ophiacantha echinulata	.	.	.	.	.	.
Ophiacantha sp.A	.	.	.	.	.	.
Ophiacantha sp.B	.	.	.	.	.	.

Table C-1 (Con't)

	Cruise II Stations					
Taxa	C1	C2	C3	C4	C5	Total
Ophiernus adspersus	.	3	1	.	.	4
Ophiernus vallinicola	.	.	.	.	.	.
Ophiocamax fasciculata	.	.	.	1	.	1
Ophiochiton grandis	.	1	.	.	.	1
Ophiochondrus convolutus?	.	.	.	.	.	.
Ophiocreas spinulosus	.	.	.	.	.	.
Ophiolipus agassizii	2	.	.	.	.	2
Ophiomusium armigerum	.	.	.	.	.	.
Ophiomusium eburneum	.	.	.	.	.	.
Ophiomusium leptobrachium	.	.	.	.	.	.
Ophiomusium sp.	.	.	.	.	.	.
Ophiomusium testudo?	.	.	.	.	.	.
Ophiomusium testudo	.	.	.	.	.	.
Ophioprium permixtum	.	.	.	.	.	.
Ophiozonella nivea	.	.	.	.	.	.
Ophiura acervata	.	.	.	.	.	.
Ophiura falcifera	.	.	.	.	.	.
Ophiura sp.A	.	.	.	.	.	.
OPHIURIDAE	.	.	.	.	.	.
	2	5	1	2	.	10
ECHINOIDEA						
Aspidodiadema jacobyi	.	.	.	.	.	.
Brissopsis alta	.	.	.	.	.	.
Brissopsis atlantica	.	.	.	.	.	.
Brissopsis sp.	.	.	.	.	.	.
Echinocyamus macrostomus	.	.	.	.	.	.
Echinus tylodes	.	.	.	.	.	.
Phormosoma placenta	.	.	.	2	.	2
Plesiodiadema antillarum	.	.	.	.	.	.
	.	.	.	2	.	2
HOLOTHUROIDEA						
Bathyplotes natans?	.	.	.	.	.	.
Benthodytes lingua	.	.	.	.	.	.
Benthodytes typica	.	.	.	.	.	.
Deima validum	.	.	.	.	.	.
Echinocucumis hispida	.	.	.	2	.	2
Enypniastes sp.	.	.	.	.	.	.
Mesothuria lactea	.	6	12	.	.	18
Molpadia barbouri	.	.	.	.	.	.
Molpadia blakei	.	.	.	1	.	1
Molpadia cubana	1	.	.	.	.	1
Molpadia musculus	.	.	.	.	.	.
Protankyra sp.	.	.	.	.	.	.
Pseudostichopus sp.	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise II Stations					
	C1	C2	C3	C4	C5	Total
Pseudostichopus sp.A	.	.	.	2	.	2
Pseudostichopus sp.B	.	.	.	.	.	.
Psychropotes depressa	.	.	.	.	.	.
	1	6	12	5	.	24
CRINOIDEA						
Atelecrinus balanoides	.	.	.	.	.	.
Democrinus brevis	.	.	.	.	.	.
	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise II Stations					
	E1	E2	E3	E4	E5	Total
PORIFERA						
Chondrosia sp.	.	.	.	.	.	.
HEXACTINELLIDA	.	.	.	.	.	.
Hyalonema sp.	.	.	.	2	.	2
LEUCOPSACASIDAE	.	.	.	.	.	.
Polymastia sp.	.	.	.	77	3	80
?*Regadrella* sp.	.	.	.	7	.	7
Stylocordyla sp.	.	.	.	.	.	.
Tethya sp.B	.	.	.	14	.	14
Tetilla sp.A	.	.	.	.	.	.
Thenea sp.A	.	.	.	.	.	.
Thenea sp.D	.	.	.	.	.	.
	.	.	.	100	3	103
ALCYONARIA						
Acanella arbuscula	.	.	.	10	.	10
Acanella eburnea?	.	.	.	.	2	2
Acanella sp.	.	.	1	.	.	1
Anthoptilum grandiflorum	.	.	.	.	.	.
Candidella sp.	.	.	.	.	.	.
Chrysogorgia agassizii	.	.	.	4	.	4
	.	.	1	14	2	17
ACTINIARIA						
Actinauge longicornis	4	.	.	.	.	4
ACTINIIDAE	.	.	.	.	.	.
Actinoscyphia saginata	.	.	.	.	.	.
ACTINOSTOLIDAE	.	.	.	.	.	.
Antholoba perdix	.	.	.	.	.	.
Halcurias pilatus	.	.	.	.	.	.
HORMATHIIDAE	.	.	.	.	.	.
	4	.	.	.	.	4
SCLERACTINEA						
Caryophyllia ambrosia caribbeana	.	.	.	1	.	1
Deltocyathus italicus	.	.	.	2	.	2
Stephanocyathus diadema	.	.	.	3	.	3
	.	.	.	6	.	6
POLYCHAETA						
Aphrodita sp.A	.	2	.	.	.	2
APHRODITIDAE	.	.	.	.	.	.
Asychis gotoi?	.	1	.	.	.	1
Chloeia viridis	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise II Stations					
	E1	E2	E3	E4	E5	Total
Ehlersileanira incisa	.	1	.	.	.	1
Eunice conglomerans	.	.	.	.	.	.
Eunice norvegica	.	.	.	.	.	.
Eunoe sp.A	.	.	.	.	.	.
Gyptis sp.B	.	.	.	.	.	.
Haplosyllis spongicola	.	.	.	.	.	.
Harmothoe sp.	.	.	.	.	.	.
Hyalinoecia tubicola	.	7	.	.	.	7
Laetmonice benthaliana?	.	.	.	.	.	.
MALDANIDAE	.	.	.	.	.	.
Ophelina sp.B	.	.	.	.	.	.
Paronuphis sp.A-1	.	.	.	.	.	.
Sarsonuphis hartmanae	.	.	.	.	.	.
Sthenolepis sp.A	.	.	.	.	.	.
Syllis (typosyllis) prolifera	.	.	.	.	.	.
Synelmis klatti	.	1	.	.	.	1
Terebella ehrenbergi?	.	.	.	.	.	.
TEREBELLIDAE	.	.	.	.	.	.
Terebellides stroemi	.	.	.	.	.	.
	.	12	.	.	.	12
GASTROPODA						
Armina sp.	.	.	.	.	.	.
Buccinum canetae	.	.	.	.	.	.
Cantrainea n.sp.	.	.	.	.	.	.
Corinnaeturris sp.	.	.	.	1	.	1
Gaza fischeri	.	.	.	.	.	.
Gymnobela sp.	.	.	.	.	.	.
Hyalorisia galea	.	.	.	.	.	.
Leucosyrinx tenoceras	.	.	.	1	.	1
Oocorys bartchi	.	.	.	.	.	.
Oocorys sulcata	.	.	.	.	.	.
Philene alba	.	.	.	.	.	.
Scaphander bathymophilus	.	.	.	.	.	.
Scaphander clavis	.	.	.	1	.	1
Scaphander watsoni	.	.	.	.	.	.
Scaphella dubia	.	.	.	.	.	.
Trochidae n. sp.	.	.	.	.	.	.
Trophon aculeatus	.	.	.	1	.	1
Xenophora lognleyi	.	.	.	.	.	.
	.	.	.	4	.	4
BIVALVIA						
Amygdalum politum?	1	.	.	.	.	1
Anodontia philippiana?	.	.	.	.	.	.
Calyptogenia ponderosa	.	.	.	.	.	.

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Table C-1 (Con't)

Taxa	Cruise II Stations					
	E1	E2	E3	E4	E5	Total
Cardiomya sp.	.	.	.	.	.	.
Cuspidaria rostrata?	.	.	.	.	.	.
?*Cuspidaria* sp.	.	.	.	.	.	.
Limopsis aurita?	.	.	.	.	.	.
Limopsis sp.	.	.	.	.	.	.
Lucinoma filosa	.	.	.	.	.	.
Lyonsiella sp.A	.	.	.	.	.	.
Nucula callicredemna	.	.	.	.	.	.
Poromya sp.	.	.	.	.	.	.
Propeamussium sp.	.	.	3	17	.	20
Propeamussium sp.A	.	.	.	.	.	.
Propeamussium sp.C	.	.	.	.	.	.
Propeamussium sp.D	.	.	.	.	.	.
Tellina sp.A	.	.	.	.	.	.
Tellina sp.B	.	.	.	.	.	.
Vesicomya cordata	.	.	.	.	.	.
	1	.	3	17	.	21
SCAPHOPODA						
Dentalium perlongum	.	.	.	.	.	.
	.	.	.	.	.	.
CEPHALOPODA						
Octopus burryi	.	.	.	.	.	.
Octopus defilippi	.	.	.	.	.	.
Octopus joubini	.	.	.	.	.	.
Opisthoteuthis agassizi	.	.	.	.	.	.
Pholidoteuthis adami	.	.	.	.	.	.
Rossia bullisi	.	1	.	.	.	1
Semirossia equalis	.	.	.	.	.	.
	.	1	.	.	.	1
PYCNOGONIDA						
Pallenopsis scoparia	.	.	.	.	.	.
	.	.	.	.	.	.
CIRRIPEDIA						
Amigdoscalpellum aurivillii aurivilli	.	.	.	.	.	.
Amigdoscalpellum semisculptum	.	.	.	.	.	.
Catherinum albatrossianum?	.	.	.	.	.	.
CYPRIS LARVAE	.	.	.	.	.	.
Euscalpellum stratum	.	.	.	.	.	.
Megalasma carinatum	.	.	.	.	.	.
Octolasmia geryonophilia	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise II Stations E1	E2	E3	E4	E5	Total
Trilasmis kaempferi inaequilaterale	23	.	.	.	.	23
Verruca nexa	.	.	.	.	.	.
Verum idioplax	.	.	.	.	.	.
	23	.	.	.	.	23
ISOPODA						
Aega sp.285	.	.	.	.	.	.
Bathynomus giganteus	.	3	.	1	.	4
	.	3	.	1	.	4
AMPHIPODA						
Epimera n.sp.2	.	.	.	.	.	.
Epimeria sp.1	.	.	.	5	.	5
Oediceroides abyssorum?	.	.	.	1	.	1
Trischizostoma longirostre?	.	.	.	.	2	2
?*Valettiopsis* sp.1	.	.	.	.	.	.
	.	.	.	6	2	8
PENAEIDEA						
Benthesicymus bartletti	.	.	1	36	.	37
Benthesicymus cereus/iridescens	.	.	.	.	.	.
Hemipenaeus carpenteri	.	.	.	.	.	.
Hymenopenaeus aphoticus	.	.	.	.	.	.
Hymenopenaeus debilis	.	.	.	2	.	2
Hymenopenaeus robustus	9	.	.	.	.	9
Parapenaeus longirostris	2	.	.	.	.	2
Penaeopsis serrata	108	.	.	.	.	108
Plesiopenaeus armatus	.	.	.	.	.	.
Plesiopenaeus edwardsianus	.	.	.	.	.	.
Solenocera necopina	.	.	.	.	.	.
	119	.	1	38	.	158
CARIDEA						
Acanthephyra armata	.	.	.	1	.	1
Acanthephyra eximia	.	.	.	19	.	19
Acanthephyra microphthalma	.	.	.	.	.	.
Bathypalaemonella serratipalma	.	.	.	3	.	3
Bathypalaemonella texana	.	.	.	1	.	1
Glyphocrangon aculeata	.	.	4	70	3	77
Glyphocrangon alispina	.	4	.	.	.	4
Glyphocrangon longleyi	.	.	.	.	.	.
Glyphocrangon nobilis	.	.	.	4	.	4
Heterocarpus ensifer	.	.	.	.	.	.
Heterocarpus oryx	.	.	.	12	.	12

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Table C-1 (Con't)

Taxa	Cruise II Stations					
	E1	E2	E3	E4	E5	Total
Metacrangon jacqueti agassizii	.	.	.	.	.	.
Nematocarcinus ensifer	.	.	.	.	.	.
Nematocarcinus rotundus	.	95	6	172	.	273
Parapandalus willisi	3	.	.	.	.	3
Periclimenes pandionis	.	.	.	.	.	.
Plesionika acanthonotus	.	.	.	.	.	.
Plesionika holthuisi	.	163	.	.	.	163
Plesionika tenuipes	13	.	.	.	.	13
Pontocaris caribbaeus	.	.	.	.	.	.
Pontophilus gracilis	.	.	1	8	1	10
Prionocrangon pectinata	.	.	.	.	.	.
Psalidopus barbouri	.	.	.	.	.	.
Spongicoloides n.sp.	.	.	.	1	.	1
	16	262	11	291	4	584
GALATHEIDAE						
Munida forceps	.	.	.	.	.	.
Munida irrasa	.	.	.	.	.	.
Munida longipes	17	.	.	.	.	17
Munida microphthalma	.	.	.	1	.	1
Munida sp.	1	1	.	.	.	2
Munida valida	.	99	.	4	.	103
Munidopsis abbreviata	.	.	.	2	.	2
Munidopsis alaminos	.	1	.	.	.	1
Munidopsis erinaceus	.	9	.	.	.	9
Munidopsis longimanus	.	2	.	4	.	6
Munidopsis polita	1	.	.	1	.	2
Munidopsis robusta	10	4	.	.	.	14
Munidopsis sigsbei	.	.	.	4	.	4
Munidopsis simplex	.	.	.	5	.	5
Munidopsis spinosa	.	.	.	.	.	.
	29	116	.	21	.	166
ANOMURA						
Anomura x	.	.	.	.	.	.
Axiopsis sp.A	1	.	.	.	.	1
Catapaguroides microps	.	.	.	.	.	.
Gastroptychus spinifer	.	.	.	.	.	.
Lithodes agassizii	.	.	.	.	.	.
Paguristes sp.	.	.	.	.	.	.
Pagurus rotundimanus	.	.	.	.	.	.
Parapagurus bicristatus	.	.	.	.	.	.
Parapagurus n. sp.	.	.	.	.	.	.
Parapagurus nudus	.	.	.	.	.	.
Parapagurus pictus	.	.	.	.	.	.
Parapagurus pilosimanus	.	.	.	1	.	1

Table C-1 (Con't)

Taxa	Cruise II Stations E1	E2	E3	E4	E5	Total
Parapagurus sp.	.	.	.	.	.	.
Porcellana sigsbeiana	.	.	.	.	.	.
Uroptychus nitidus	.	22	.	3	.	25
	1	22	.	4	.	27
POLYCHELIDAE						
Polycheles crucifer	.	.	.	.	.	.
Polycheles typhlops	.	.	.	.	.	.
Polycheles validus	.	.	.	.	.	.
Scyllarus chacei	.	.	.	.	.	.
Stereomastis sculpta	.	3	6	44	1	54
	.	3	6	44	1	54
NEPHROPIDAE						
Nephropsis aculeata	6	1	.	.	.	7
Nephropsis agassizi	.	.	.	1	.	1
Nephropsis rosea	.	.	.	1	.	1
	6	1	.	2	.	9
BRACHYURA						
Acanthocarpus alexandri	.	.	.	.	.	.
Bathynectes superba	.	.	.	.	.	.
Bathyplax typhla	1	90	.	5	.	96
Benthochascon schmitti	62	.	2	.	.	64
Chacellus filiformis	.	.	.	.	.	.
Collodes leptocheles	.	.	.	.	.	.
Ethusa microphthalma	.	.	.	.	.	.
Geryon quinquedens	2	.	3	3	.	8
Lyreidus bairdii	.	.	.	.	.	.
Palicus gracilis	.	.	.	.	.	.
Pyromaia arachna	2	.	.	.	.	2
Rochinia crassa	.	6	.	1	.	7
Rochinia umbonata	.	.	.	.	.	.
Stenocionops spinimana	.	.	.	.	.	.
Thalassoplay angusta	.	.	.	.	.	.
Trichopeltarion nobile	.	.	.	.	.	.
	67	96	5	9	.	177
STOMATOPODA						
Squilla edentata	.	.	.	.	.	.
	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise II Stations E1	E2	E3	E4	E5	Total
BRACHIOPODA						
Ecnomiosa gerda	.	.	.	.	.	.
	.	.	.	.	.	.
ASTEROIDEA						
Astropecten americanus	.	.	.	.	.	.
Astropecten comptus	.	.	.	.	.	.
ASTROPECTINIDAE	.	.	.	.	.	.
Benthopecten simplex	.	.	.	.	.	.
BRISINGIDAE	.	.	.	.	.	.
Ceramaster grenadensis	.	.	.	.	.	.
Cheiraster mirabilis	.	.	.	.	.	.
Dipsacaster sp.	.	.	.	2	.	2
Dytaster insignis	.	.	.	.	.	.
GONIASTERIDAE	.	.	.	.	.	.
Goniopecten demonstrans	.	.	.	.	.	.
Henricia antillarum	.	.	.	1	.	1
Hymenaster sp.	.	.	.	1	.	1
HYMENASTERIDAE	.	1	.	.	.	1
Litonotaster intermedius	.	.	.	.	.	.
Mediaster pedicellaris	.	.	.	.	.	.
Novodinia antillensis	.	.	.	.	.	.
Nymphaster arenatus	.	.	.	.	.	.
Odontaster hispidus	.	.	.	.	.	.
Pectinaster gracilis	.	5	.	.	.	5
Persephonaster echinulatus	.	10	.	.	.	10
Plinthaster dentatus	.	2	.	.	.	2
Plutonaster intermedius	.	.	.	.	.	.
Pseudarchaster gracilis	.	.	.	.	.	.
Pseudarchaster sp.	.	.	.	.	.	.
Pteraster personatus	.	.	.	.	.	.
Tosia parva	.	.	.	.	.	.
Zoroaster fulgens	.	.	.	2	.	2
	.	18	.	6	.	24
OPHIUROIDEA						
Amphiactis duplicata	.	.	.	.	.	.
Amphilepis ingolfiana?	.	.	.	.	.	.
Amphiophiura sculptilis	.	.	.	.	.	.
Amphioplus incisus	.	.	.	.	.	.
Amphiura sp.	.	2	.	.	.	2
Asteroschema tenue?	.	.	.	.	.	.
Bathypectinura heros	1	18	.	.	.	19
Homalophiura inornata	.	.	.	.	.	.
Ophiacantha echinulata	.	.	.	.	.	.
Ophiacantha sp.A	.	23	.	.	.	23
Ophiacantha sp.B	.	2	.	.	.	2

Table C-1 (Con't)

	Cruise II Stations					
Taxa	E1	E2	E3	E4	E5	Total
Ophiernus adspersus	.	1	.	.	.	1
Ophiernus vallinicola	.	.	.	.	.	.
Ophiocamax fasciculata	.	.	.	.	.	.
Ophiochiton grandis	.	27	.	4	.	31
Ophiochondrus convolutus?	.	.	.	.	.	.
Ophiocreas spinulosus	.	.	.	.	.	.
Ophiolipus agassizii	.	.	.	.	.	.
Ophiomusium armigerum	.	5	.	.	.	5
Ophiomusium eburneum	.	.	.	.	.	.
Ophiomusium leptobrachium	.	4	.	.	.	4
Ophiomusium sp.	.	1	.	.	.	1
Ophiomusium testudo?	.	.	.	.	.	.
Ophiomusium testudo	.	.	.	1	1	2
Ophioprium permixtum	.	.	.	1	.	1
Ophiozonella nivea	.	1	.	.	.	1
Ophiura acervata	.	.	.	.	.	.
Ophiura falcifera	.	1	.	.	.	1
Ophiura sp.A	.	.	.	1	.	1
OPHIURIDAE	.	1	.	.	.	1
	1	86	.	7	1	95
ECHINOIDEA						
Aspidodiadema jacobyi	.	.	.	.	.	.
Brissopsis alta	.	.	.	.	.	.
Brissopsis atlantica	.	.	.	.	.	.
Brissopsis sp.	.	.	.	.	.	.
Echinocyamus macrostomus	.	.	.	.	.	.
Echinus tylodes	.	.	.	.	.	.
Phormosoma placenta	.	.	.	.	.	.
Plesiodiadema antillarum	.	.	.	.	.	.
	.	.	.	.	.	.
HOLOTHUROIDEA						
Bathyplotes natans?	.	.	.	.	.	.
Benthodytes lingua	.	.	.	.	.	.
Benthodytes typica	.	.	.	.	.	.
Deima validum	.	.	.	.	.	.
Echinocucumis hispida	.	.	.	.	.	.
Enypniastes sp.	.	.	.	.	.	.
Mesothuria lactea	.	.	8	5	.	13
Molpadia barbouri	.	.	1	5	.	6
Molpadia blakei	.	.	.	.	.	.
Molpadia cubana	.	.	.	.	.	.
Molpadia musculus	.	.	.	7	.	7
Protankyra sp.	.	.	.	.	.	.
Pseudostichopus sp.	.	.	.	.	.	.

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Table C-1 (Con't)

	Cruise II Stations					
Taxa	E1	E2	E3	E4	E5	Total
Pseudostichopus sp.A	.	.	.	.	.	.
Pseudostichopus sp.B	.	.	.	.	.	.
Psychropotes depressa	.	.	.	.	.	.
	.	.	9	17	.	26
CRINOIDEA						
Atelecrinus balanoides	.	.	.	.	.	.
Democrinus brevis	.	.	.	9	.	9
	.	.	.	9	.	9

Table C-1 (Con't)

Taxa	Cruise III Stations C1	C6	C2	C3	C7	C8	C9	C4	C10	C11	C5	Total
PORIFERA												
Chondrosia sp.	.	.	.	.	.	.	.	.	.	.	.	.
HEXACTINELLIDA	.	.	.	.	.	.	.	.	.	.	3	3
Hyalonema sp.	.	.	.	1	1	.	.	1	.	.	.	3
LEUCOPSACASIDAE	.	.	.	.	.	.	.	.	.	.	.	.
Polymastia sp.	.	.	.	.	.	23	5	.	.	.	.	28
?*Regadrella* sp.	.	.	.	.	.	1	.	4	.	1	.	6
Stylocordyla sp.	.	.	.	.	.	.	.	.	.	.	.	.
Tethya sp.B	.	.	.	.	.	.	.	.	.	.	.	.
Tetilla sp.A	.	.	.	.	.	.	.	.	.	.	.	.
Thenea sp.A	.	.	.	.	.	4	.	.	.	.	25	29
Thenea sp.D	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	1	1	28	5	5	.	1	28	69
ALCYONARIA												
Acanella arbuscula	.	.	.	.	.	.	.	.	.	.	.	.
Acanella eburnea?	.	.	.	.	.	.	.	.	.	.	.	.
Acanella sp.	.	.	.	.	.	.	.	.	.	1	.	1
Anthoptilum grandiflorum	.	.	.	.	.	.	.	.	.	.	76	76
Candidella sp.	.	.	.	.	.	.	.	.	.	.	.	.
Chrysogorgia agassizii	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	.	.	.	.	.	.	1	76	77
ACTINIARIA												
Actinauge longicornis	9	.	.	.	3	.	.	.	3	71	25	111
ACTINIIDAE	.	.	.	5	.	.	.	.	.	.	.	5
Actinoscyphia saginata	.	.	.	.	.	.	.	.	.	2	.	2
ACTINOSTOLIDAE	.	.	.	.	.	.	.	.	.	.	.	.
Antholoba perdix	.	1	.	.	.	.	.	.	.	.	.	1
Halcurias pilatus	.	.	.	.	.	.	.	.	.	.	.	.
HORMATHIIDAE	.	.	.	.	.	.	.	.	1	.	.	1
	9	1	.	5	3	.	.	.	4	73	25	120
SCLERACTINEA												
Caryophyllia ambrosia caribbeana	.	.	.	.	.	3	.	.	.	.	.	3
Deltocyathus italicus	.	.	1	1	1	.	.	.	.	.	.	3
Stephanocyathus diadema	.	.	.	.	2	2	1	3	.	.	.	8
	.	.	1	1	3	5	1	3	.	.	.	14
POLYCHAETA												
Aphrodita sp.A	.	.	.	.	.	.	.	.	.	.	.	.
APHRODITIDAE	.	.	.	.	.	.	.	.	.	.	.	.
Asychis gotoi?	.	.	.	.	.	.	.	.	.	.	.	.
Chloeia viridis	.	.	1	.	.	.	.	.	.	.	.	1

Table C-1 (Con't)

	Cruise III Stations											
Taxa	C1	C6	C2	C3	C7	C8	C9	C4	C10	C11	C5	Total
Ehlersileanira incisa	.	.	.	.	.	.	.	.	.	.	.	.
Eunice conglomerans	.	.	.	.	.	.	.	.	.	.	.	.
Eunice norvegica	.	.	.	3	.	1	.	.	.	.	.	4
Eunoe sp.A	.	2	.	.	.	1	.	1	.	.	.	4
Gyptis sp.B	.	.	.	.	.	1	.	.	1	.	.	2
Haplosyllis spongicola	.	.	.	.	.	.	.	.	.	.	.	.
Harmothoe sp.	.	.	.	.	.	.	.	.	.	.	.	.
Hyalinoecia tubicola	.	.	.	73	12	.	.	1	.	.	.	86
Laetmonice benthaliana?	1	.	.	.	.	.	.	.	.	.	.	1
MALDANIDAE	.	.	.	.	.	.	.	.	.	.	.	.
Ophelina sp.B	.	.	.	.	.	.	.	.	.	.	.	.
Paronuphis sp.A-1	.	.	.	.	.	.	.	.	.	1	.	1
Sarsonuphis hartmanae	.	.	.	.	.	.	.	.	.	12	.	12
Sthenolepis sp.A	.	.	.	.	.	.	.	.	.	.	.	.
Syllis (typosyllis) prolifera	.	.	.	.	.	.	.	.	.	.	.	.
Synelmis klatti	.	.	.	.	.	.	.	.	.	.	.	.
Terebella ehrenbergi?	.	.	.	.	.	.	.	.	.	.	.	.
TEREBELLIDAE	.	.	.	.	.	1	.	.	.	.	.	1
Terebellides stroemi	.	1	.	.	.	.	.	.	.	.	.	1
	1	3	1	76	12	4	.	2	1	13	.	113
GASTROPODA												
Armina sp.	1	.	.	.	.	.	.	.	.	.	.	1
Buccinum canetae	.	.	.	1	3	.	.	.	.	.	.	4
Cantrainea n.sp.	.	.	.	.	4	.	.	.	.	.	.	4
Corinnaeturris sp.	.	.	.	.	.	.	.	.	.	.	.	.
Gaza fischeri	.	.	.	.	.	.	.	.	.	.	.	.
Gymnobela sp.	.	.	.	.	2	.	.	1	.	.	.	3
Hyalorisia galea	.	.	.	.	.	.	.	.	.	.	.	.
Leucosyrinx tenoceras	.	.	.	3	11	.	.	1	.	.	.	15
Oocorys bartchi	.	.	.	1	.	.	.	.	.	.	.	1
Oocorys sulcata	.	.	.	.	.	.	.	.	.	1	41	42
Philene alba	.	.	.	.	.	.	.	.	.	.	.	.
Scaphander bathymophilus	.	.	.	.	.	.	.	.	.	.	.	.
Scaphander clavis	.	.	.	1	.	.	.	.	.	.	.	1
Scaphander watsoni	2	.	.	.	.	.	.	.	.	.	.	2
Scaphella dubia	.	1	.	.	.	.	.	.	.	.	.	1
Trochidae n. sp.	.	.	.	.	.	.	.	.	.	.	.	.
Trophon aculeatus	.	.	.	.	.	.	.	.	.	.	.	.
Xenophora lognleyi	.	.	.	.	.	.	.	.	.	.	.	.
	3	1	.	6	20	.	.	2	.	1	41	74
BIVALVIA												
Amygdalum politum?	.	1	.	.	.	.	.	.	.	.	.	1
Anodontia philippiana?	.	.	.	.	.	.	.	.	.	.	.	.
Calyptogenia ponderosa	.	.	.	.	.	.	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise III Stations											
	C1	C6	C2	C3	C7	C8	C9	C4	C10	C11	C5	Total
Cardiomya sp.	.	.	.	.	.	1	.	.	.	.	.	1
Cuspidaria rostrata?	.	.	.	.	.	.	.	.	.	.	.	.
?*Cuspidaria* sp.	.	.	.	.	.	.	.	.	.	.	.	.
Limopsis aurita?	.	.	.	.	.	.	.	.	.	.	.	.
Limopsis sp.	.	.	.	.	.	.	.	.	.	.	.	.
Lucinoma filosa	.	.	.	.	.	.	.	.	.	.	.	.
Lyonsiella sp.A	.	.	.	.	.	.	.	.	.	.	3	3
Nucula callicredemna	.	.	.	.	.	.	.	.	.	.	.	.
Poromya sp.	.	.	1	.	.	.	.	.	.	.	.	1
Propeamussium sp.	.	.	.	.	.	.	.	.	.	.	.	.
Propeamussium sp.A	.	.	.	.	2	31	2	45	.	.	.	80
Propeamussium sp.C	.	.	18	.	.	.	.	.	.	.	.	18
Propeamussium sp.D	.	.	4	.	.	.	.	.	.	.	.	4
Tellina sp.A	.	.	1	.	.	.	.	.	.	.	.	1
Tellina sp.B	.	.	.	.	.	.	.	.	.	.	.	.
Vesicomya cordata	.	.	.	.	.	.	.	.	.	.	.	.
	.	1	24	.	2	32	2	45	.	.	3	109
SCAPHOPODA												
Dentalium perlongum	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	.	.	.	.	.	.	.	.	.
CEPHALOPODA												
Octopus burryi	.	.	.	.	.	.	.	.	.	.	.	.
Octopus defilippi	.	.	.	.	.	.	.	.	.	.	.	.
Octopus joubini	.	.	.	.	.	.	.	.	.	.	.	.
Opisthoteuthis agassizi	.	.	.	2	.	.	.	.	.	.	.	2
Pholidoteuthis adami	.	.	.	.	.	1	.	.	.	.	.	1
Rossia bullisi	.	.	.	.	.	.	.	.	.	.	.	.
Semirossia equalis	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	2	.	1	.	.	.	.	.	3
PYCNOGONIDA												
Pallenopsis scoparia	.	.	.	.	.	1	.	.	.	.	.	1
	.	.	.	.	.	1	.	.	.	.	.	1
CIRRIPEDIA												
Amigdoscalpellum aurivillii aurivilli	.	.	.	.	.	.	.	.	.	1	.	1
Amigdoscalpellum semisculptum	.	.	.	.	.	1	.	.	.	.	.	1
Catherinum albatrossianum?	.	.	.	.	.	.	.	.	.	2	.	2
CYPRIS LARVAE	.	.	.	452	.	.	.	.	1	.	.	453
Euscalpellum stratum	.	.	.	.	.	.	.	.	.	.	.	.
Megalasma carinatum	.	.	.	.	.	.	.	.	.	.	.	.
Octolasmis geryonophilia	.	.	.	.	46	.	.	.	.	.	.	46

Table C-1 (Con't)

Taxa	C1	C6	C2	C3	C7	C8	C9	C4	C10	C11	C5	Total
	Cruise III Stations											
Trilasmis kaempferi inaequilaterale	.	.	.	.	199	.	.	.	272	.	.	471
Verruca nexa	.	.	.	.	.	.	.	.	.	.	.	.
Verum idioplax	.	.	.	.	.	3	.	2	.	.	.	5
	.	.	.	452	245	4	.	2	273	3	.	979
ISOPODA												
Aega sp.285	.	.	.	.	.	1	.	.	.	.	.	1
Bathynomus giganteus	.	.	.	1	.	.	.	.	.	.	.	1
	.	.	.	1	.	1	.	.	.	.	.	2
AMPHIPODA												
Epimera n.sp.2	.	.	.	.	.	2	.	.	.	.	.	2
Epimeria sp.1	.	.	.	.	1	.	.	.	.	.	.	1
Oediceroides abyssorum?	.	.	.	.	.	.	.	.	.	.	.	.
Trischizostoma longirostre?	.	.	.	.	.	.	.	.	.	.	.	.
?*Valettiopsis* sp.1	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	.	1	2	.	.	.	.	.	3
PENAEIDEA												
Benthesicymus bartletti	.	.	.	1	4	15	.	.	.	1	.	21
Benthesicymus cereus/iridescens	.	.	.	.	.	.	.	.	.	.	7	7
Hemipenaeus carpenteri	.	.	.	.	.	.	.	.	.	1	.	1
Hymenopenaeus aphoticus	.	.	.	.	.	.	.	.	.	.	1	1
Hymenopenaeus debilis	.	6	.	.	.	.	.	.	.	.	.	6
Hymenopenaeus robustus	4	15	.	.	.	.	.	.	.	.	.	19
Parapenaeus longirostris	39	.	.	.	.	.	.	.	.	.	.	39
Penaeopsis serrata	121	.	.	.	.	.	.	.	.	.	.	121
Plesiopenaeus armatus	.	.	.	.	.	.	.	.	.	1	8	9
Plesiopenaeus edwardsianus	.	.	1	.	.	.	.	.	.	.	.	1
Solenocera necopina	.	.	.	.	.	.	.	.	.	.	.	.
	146	21	1	1	4	15	.	.	.	3	16	225
CARIDEA												
Acanthephyra armata	.	.	.	1	.	.	.	.	.	.	.	1
Acanthephyra eximia	.	.	.	.	.	.	.	.	.	.	.	.
Acanthephyra microphthalma	.	.	.	.	.	.	.	.	.	.	1	1
Bathypalaemonella serratipalma	.	.	.	.	.	1	.	.	.	.	.	1
Bathypalaemonella texana	.	.	.	.	.	.	.	.	.	.	.	.
Glyphocrangon aculeata	.	.	.	.	20	35	.	3	.	.	.	58
Glyphocrangon alispina	.	.	.	13	.	.	.	.	.	.	.	13
Glyphocrangon longleyi	.	.	1	.	.	.	.	.	.	.	.	1
Glyphocrangon nobilis	.	.	.	.	1	15	.	2	.	.	.	18
Heterocarpus ensifer	.	.	.	.	.	.	.	.	.	.	.	.
Heterocarpus oryx	.	.	.	.	9	49	.	.	.	.	.	58

Table C-1 (Con't)

Taxa	Cruise III Stations											
	C1	C6	C2	C3	C7	C8	C9	C4	C10	C11	C5	Total
Metacrangon jacqueti agassizii	.	.	.	.	2	.	.	.	.	.	.	2
Nematocarcinus ensifer	.	.	.	.	.	.	.	.	.	2	1	3
Nematocarcinus rotundus	.	.	9	5	57	249	.	2	.	.	.	322
Parapandalus willisi	32	.	.	.	.	.	.	.	.	.	.	32
Periclimenes pandionis	.	.	1	.	.	.	.	.	.	.	.	1
Plesionika acanthonotus	.	1	.	.	.	.	.	.	.	.	.	1
Plesionika holthuisi	.	1	160	.	.	.	.	.	.	.	.	161
Plesionika tenuipes	2	.	.	.	.	.	.	.	.	.	.	2
Pontocaris caribbaeus	1	.	.	.	.	.	.	.	.	.	.	1
Pontophilus gracilis	.	.	11	.	.	7	.	.	.	.	.	18
Prionocrangon pectinata	.	.	1	.	.	.	.	.	.	.	.	1
Psalidopus barbouri	.	.	1	.	.	.	.	.	.	.	.	1
Spongicoloides n.sp.	.	.	.	.	.	.	.	.	.	.	.	.
	35	2	184	19	89	356	.	7	.	2	2	696
GALATHEIDAE												
Munida forceps	.	.	.	.	.	.	.	.	.	.	.	.
Munida irrasa	.	.	.	.	.	.	.	.	.	.	.	.
Munida longipes	1	.	.	.	.	.	.	.	.	.	.	1
Munida microphthalma	.	.	.	.	6	2	.	1	.	.	.	9
Munida sp.	.	.	.	.	.	.	.	.	.	.	.	.
Munida valida	.	2	39	.	.	.	.	.	.	.	.	41
Munidopsis abbreviata	.	.	.	.	.	.	.	.	.	.	.	.
Munidopsis alaminos	.	.	.	.	.	.	.	.	.	.	.	.
Munidopsis erinaceus	.	6	.	.	.	.	.	.	.	.	.	6
Munidopsis longimanus	.	.	.	.	1	1	.	.	.	.	.	2
Munidopsis polita	.	.	.	.	.	.	.	.	.	.	.	.
Munidopsis robusta	1	16	.	.	.	.	.	.	.	.	.	17
Munidopsis sigsbei	.	.	.	.	.	14	.	1	.	.	.	15
Munidopsis simplex	.	.	.	.	.	.	.	3	.	.	.	3
Munidopsis spinosa	.	.	.	.	.	.	.	.	.	.	.	.
	2	24	39	.	7	17	.	5	.	.	.	94
ANOMURA												
Axiopsis sp.A	.	.	.	.	.	.	.	.	.	.	.	.
Catapaguroides microps	.	.	.	.	2	.	.	.	.	.	.	2
Gastroptychus spinifer	.	.	.	.	.	.	.	.	.	.	.	.
Lithodes agassizii	.	.	.	.	1	.	.	.	.	.	.	1
Paguristes sp.	.	.	.	.	.	.	.	.	.	.	.	.
Pagurus rotundimanus	.	.	.	.	.	.	.	.	.	.	.	.
Parapagurus bicristatus	.	.	.	.	.	.	.	.	.	.	.	.
Parapagurus n. sp.	.	.	.	.	.	.	.	2	.	4	9	15
Parapagurus nudus	.	.	.	.	.	.	.	.	.	.	1	1
Parapagurus pictus	.	4	3	.	.	.	.	.	.	.	.	7
Parapagurus pilosimanus	.	.	2	9	8	2	.	1	.	.	.	22

Table C-1 (Con't)

Cruise III Stations

Taxa	C1	C6	C2	C3	C7	C8	C9	C4	C10	C11	C5	Total
Parapagurus sp.	.	.	.	1	.	.	.	.	.	.	.	1
Porcellana sigsbeiana	.	.	.	.	.	.	.	.	.	.	.	.
Uroptychus nitidus	.	.	.	.	.	2	.	1	.	.	.	3
	.	4	5	10	11	4	.	4	.	4	10	52
POLYCHELIDAE												
Polycheles crucifer	.	.	.	.	.	2	.	.	.	.	.	2
Polycheles typhlops	.	19	.	.	.	.	.	.	.	.	.	19
Polycheles validus	.	.	.	.	.	.	.	.	.	1	.	1
Scyllarus chacei	.	.	.	.	.	.	.	.	.	.	.	.
Stereomastis sculpta	.	.	9	26	38	24	.	12	.	.	.	109
	.	19	9	26	38	26	.	12	.	1	.	131
NEPHROPIDAE												
Nephropsis aculeata	.	79	3	.	.	.	.	.	.	.	.	82
Nephropsis agassizi	.	.	.	.	.	.	.	.	.	.	.	.
Nephropsis rosea	.	.	.	.	.	.	.	.	.	.	.	.
	.	79	3	.	.	.	.	.	.	.	.	82
BRACHYURA												
Acanthocarpus alexandri	.	.	.	.	.	.	.	.	.	.	.	.
Bathynectes superba	.	.	.	.	.	.	.	.	.	.	.	.
Bathyplax typhla	.	24	106	.	.	.	.	.	.	.	.	130
Benthochascon schmitti	16	279	4	.	.	.	.	.	.	.	.	299
Chacellus filiformis	.	.	.	.	.	.	.	.	.	.	.	.
Collodes leptocheles	.	.	.	.	.	.	.	.	.	.	.	.
Ethusa microphthalma	2	2	.	.	.	.	.	.	.	.	.	4
Geryon quinquedens	.	.	.	2	3	3	.	14	9	1	.	32
Lyreidus bairdii	7	.	.	.	.	.	.	.	.	.	.	7
Palicus gracilis	1	.	.	.	.	.	.	.	.	.	.	1
Pyromaia arachna	7	.	.	.	.	.	.	.	.	.	.	7
Rochinia crassa	.	2	9	.	.	.	.	.	.	.	.	11
Rochinia umbonata	.	.	.	.	.	.	.	.	.	.	.	.
Stenocionops spinimana	.	.	.	.	.	.	.	.	.	.	.	.
Thalassoplay angusta	.	.	.	.	.	.	.	.	.	.	.	.
Trichopeltarion nobile	.	.	13	.	.	.	.	.	.	.	.	13
	33	307	132	2	3	3	.	14	9	1	.	504
STOMATOPODA												
Squilla edentata	1	.	.	.	.	.	.	.	.	.	.	1
	1	.	.	.	.	.	.	.	.	.	.	1

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Table C-1 (Con't)

	Cruise III Stations											
Taxa	C1	C6	C2	C3	C7	C8	C9	C4	C10	C11	C5	Total
BRACHIOPODA												
Ecnomiosa gerda	.	.	.	.	45	.	.	.	.	.	.	45
	.	.	.	.	45	.	.	.	.	.	.	45
ASTEROIDEA												
Astropecten americanus	.	.	.	.	.	.	.	.	.	.	.	.
Astropecten comptus	.	.	.	.	.	.	.	.	.	.	.	.
ASTROPECTINIDAE	.	.	.	.	.	.	.	.	.	.	.	.
Benthopecten simplex	.	.	.	.	.	.	.	.	.	4	5	9
BRISINGIDAE	.	.	.	.	.	.	.	.	.	.	2	2
Ceramaster grenadensis	.	.	.	.	.	.	.	.	.	.	.	.
Cheiraster mirabilis	.	.	.	1	.	.	.	.	.	.	.	1
Dipsacaster sp.	.	.	.	.	.	.	.	.	.	.	.	.
Dytaster insignis	.	.	.	.	.	.	.	.	.	.	36	36
GONIASTERIDAE	.	.	.	.	.	.	.	.	.	.	.	.
Goniopecten demonstrans	.	.	.	23	.	.	.	.	.	.	.	23
Henricia antillarum	.	.	.	.	.	1	.	.	.	.	.	1
Hymenaster sp.	.	.	.	.	.	.	.	.	.	.	.	.
HYMENASTERIDAE	.	.	.	.	.	.	.	.	.	.	.	.
Litonotaster intermedius	.	.	.	.	.	.	.	.	.	1	1	2
Mediaster pedicellaris	.	.	.	.	2	.	.	.	.	.	.	2
Novodinia antillensis	.	.	.	.	1	.	.	.	.	.	.	1
Nymphaster arenatus	.	.	.	18	5	3	3	14	5	.	.	48
Odontaster hispidus	.	.	.	.	.	.	.	.	.	.	.	.
Pectinaster gracilis	.	.	.	.	.	.	.	.	.	.	.	.
Persephonaster echinulatus	.	2	3	.	.	.	.	.	.	.	.	5
Plinthaster dentatus	.	1	1	1	1	7	.	5	.	.	1	17
Plutonaster intermedius	.	.	.	.	.	12	4	52	6	57	1	132
Pseudarchaster gracilis	.	.	.	1	.	.	.	.	.	.	.	1
Pseudarchaster sp.	.	.	.	.	.	.	.	.	.	.	.	.
Pteraster personatus	.	.	.	.	.	.	.	.	.	7	.	7
Tosia parva	.	.	.	.	.	.	1	.	.	.	.	1
Zoroaster fulgens	.	.	.	.	3	2	.	.	.	3	.	8
	.	3	4	44	12	25	8	71	11	72	46	296
OPHIUROIDEA												
Amphiactis duplicata	.	.	.	.	.	4	.	1	.	.	.	5
Amphilepis ingolfiana?	.	.	.	.	.	.	.	.	.	.	72	72
Amphiophiura sculptilis	.	.	.	.	.	.	.	.	.	.	.	.
Amphioplus incisus	.	.	.	.	.	1	.	.	.	.	.	1
Amphiura sp.	.	.	.	.	.	.	.	.	.	.	.	.
Asteroschema tenue?	.	.	.	.	.	.	.	.	.	.	.	.
Bathypectinura heros	.	.	1	.	.	.	.	.	.	11	80	92
Homalophiura inornata	.	.	.	.	.	.	.	.	.	4	2	6
Ophiacantha echinulata	.	.	.	1	.	.	.	.	.	.	.	1
Ophiacantha sp.A	.	.	.	.	.	.	.	.	.	.	.	.
Ophiacantha sp.B	.	.	.	.	.	.	.	.	.	.	.	.

Table C-1 (Con't)

Taxa	Cruise III Stations C1	C6	C2	C3	C7	C8	C9	C4	C10	C11	C5	Total
Ophiernus adspersus	.	18	5	.	.	.	.	.	.	.	.	23
Ophiernus vallinicola	.	.	.	.	.	.	.	.	.	1	.	1
Ophiocamax fasciculata	.	.	782	.	.	.	.	.	.	.	.	782
Ophiochiton grandis	.	.	1	2	.	.	.	.	.	.	.	3
Ophiochondrus convolutus?	.	.	.	.	.	.	.	.	.	.	.	.
Ophiocreas spinulosus	.	.	.	.	.	.	.	.	.	.	.	.
Ophiolipus agassizii	.	.	.	.	.	.	.	.	.	.	.	.
Ophiomusium armigerum	.	.	.	.	.	.	.	.	.	.	3	3
Ophiomusium eburneum	2	.	.	.	.	.	.	.	.	.	.	2
Ophiomusium leptobrachium	.	.	.	.	.	.	.	.	.	.	.	.
Ophiomusium sp.	.	.	.	.	.	.	.	.	.	.	.	.
Ophiomusium testudo?	.	.	.	.	.	.	.	.	.	.	.	.
Ophiomusium testudo	.	.	.	.	.	1	.	1	.	.	.	2
Ophioprium permixtum	.	.	.	.	.	.	.	.	.	.	.	.
Ophiozonella nivea	.	.	.	.	.	.	.	.	.	.	.	.
Ophiura acervata	.	.	.	.	.	.	.	.	.	.	.	.
Ophiura falcifera	.	.	.	.	.	.	.	.	.	.	.	.
Ophiura sp.A	.	.	.	.	.	.	.	.	.	.	.	.
OPHIURIDAE	.	.	.	.	1	.	.	.	.	.	.	1
	2	18	789	3	1	6	.	2	.	16	157	994
ECHINOIDEA												
Aspidodiadema jacobyi	.	.	.	.	.	1	.	.	.	.	.	1
Brissopsis alta	.	.	.	.	.	.	.	.	.	.	.	.
Brissopsis atlantica	.	.	.	.	.	.	.	.	.	.	.	.
Brissopsis sp.	.	.	.	.	.	.	.	.	.	.	.	.
Echinocyamus macrostomus	.	.	.	.	.	1	.	.	.	.	.	1
Echinus tylodes	.	.	.	.	.	.	.	.	1	.	.	1
Phormosoma placenta	.	.	.	.	.	.	.	2	.	.	.	2
Plesiodiadema antillarum	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	.	.	2	.	2	1	.	.	5
HOLOTHUROIDEA												
Bathyplotes natans?	.	.	.	.	.	.	.	.	.	.	1	1
Benthodytes lingua	.	.	.	.	.	.	.	.	.	4	2	6
Benthodytes typica	.	.	.	.	.	.	.	.	.	10	89	99
Deima validum	.	.	.	.	.	.	.	1	.	.	.	1
Echinocucumis hispida	.	.	.	.	.	.	.	.	.	.	.	.
Enypniastes sp.	.	.	.	.	.	.	.	.	.	.	70	70
Mesothuria lactea	.	15	.	27	25	1	.	.	.	.	.	68
Molpadia barbouri	.	.	.	.	1	.	.	.	.	.	.	1
Molpadia blakei	.	.	.	.	.	.	.	1	.	4	.	5
Molpadia cubana	.	.	.	.	.	.	.	.	.	.	.	.
Molpadia musculus	.	.	.	.	.	.	.	.	.	.	.	.
Protankyra sp.	.	.	.	.	.	.	.	.	.	.	1	1
Pseudostichopus sp.	.	.	.	.	.	1	.	.	.	6	.	7

Table C-1 (Con't)

	Cruise III Stations											
Taxa	C1	C6	C2	C3	C7	C8	C9	C4	C10	C11	C5	Total
Pseudostichopus sp.A	.	.	.	.	.	.	.	.	.	.	.	.
Pseudostichopus sp.B	.	.	.	.	.	.	.	.	.	.	.	.
Psychropotes depressa	.	.	.	.	.	.	.	.	.	20	4	24
	.	15	.	27	26	2	.	2	.	44	167	283
CRINOIDEA												
Atelecrinus balanoides	.	.	.	.	.	2	.	.	.	.	.	2
Democrinus brevis	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	.	.	2	.	.	.	.	.	2

Table C-2. Station counts for trawl fish from Cruises I-III.

Taxa	Cruise I Stations				
	C1	C2	C3	C4	Total
Anacanthobatus folirostris	.	.	.	.	.
Acanthonus armatus	.	.	.	.	.
Acromycter purturbator	.	.	.	.	.
Aldrovandia affinis	.	.	.	.	.
Aldrovandia gracilis	.	.	.	.	.
Apistrurus laurussonii	.	.	.	.	.
Apristrurus parvipinnus	.	.	1	.	1
Argentina striata	4	.	.	.	4
Barathronus bicolor	.	.	.	.	.
Bassozetus sp.	.	.	.	.	.
Bathophilus sp.	.	.	.	1	1
Bathygadus favosus	.	.	.	.	.
Bathygadus macrops	.	2	.	.	2
Bathygadus melanobranchus	.	.	.	.	.
Bathypterois gallator	.	.	.	.	.
Bathypterois phenax	.	.	.	.	.
Bathypterois quadrifilis	.	.	.	.	.
Bathypterois viridescens	.	.	.	.	.
Bathyuroconger vicinus	.	.	1	.	1
Bembrops anatirostris	.	.	.	.	.
Bembrops gobioides	.	.	.	.	.
Brosmiculus imberbis	.	.	.	.	.
Cataetyx sp.	.	.	.	1	1
Chaunax pictus	.	3	.	.	3
Chlorophthalmus agassizi	5	.	.	.	5
Coelorinchus caribbaeus	77	1	.	.	78
Coelorinchus coelorhynchus	3	.	.	.	3
Coelorinchus sp.	.	.	.	.	.
CONGRIDAE	.	.	.	.	.
Conocara sp.	.	.	.	.	.
Coryphaenoides colon	.	1	.	.	1
Coryphaenoides macrocephalus	.	.	.	.	.
Coryphaenoides mexicanus	.	.	4	.	4
Cruriraja rugosa	.	2	.	.	2
Decapterus punctatus	.	1	.	.	1
Dibranchus atlanticus	.	.	.	.	.
Dicrolene sp.	.	5	.	.	5
Diplacanthopoma sp.	.	2	.	.	2
Epigonus macrops	.	.	.	.	.
Epigonus occidentalis	.	.	1	.	1
Epigonus pandionis	3	.	.	.	3
Eptatretus springeri	.	.	.	.	.
Etmopterus hillianus	.	.	.	.	.
Etmopterus schultzi	.	.	.	.	.
Etmopterus virens	.	.	.	.	.
Facciolella sp.	.	.	.	.	.
Gadomus arcuatus	.	.	.	.	.
Gadomus longifilis	.	.	6	.	6
Gnathagnus egregius	1	.	.	.	1

Table C-2 (Con't)

Taxa	Cruise I Stations C1	C2	C3	C4	Total
Gurgesiella sinusmexicanus	.	.	.	.	.
Halosaurus guentheri	.	.	.	.	.
Halosaurus oweni	.	.	.	.	.
Helicolenus dactylopterus	.	.	.	.	.
Hemanthias vivanus	4	.	.	.	4
Hoplostethus occidentalis	1	.	.	.	1
Hoplunnis sp.	.	.	.	.	.
Hydrolagus sp.	.	.	.	.	.
Hymenocephalus italicus	.	.	.	.	.
Ilyophis brunneus	.	.	.	.	.
Ipnops murrayi	.	.	.	.	.
Laemonema barbatulum	.	.	.	.	.
Lepophidium brevibarbe	1	.	.	.	1
Leptoderma macrops	.	.	.	.	.
Lophiodes monodi	.	.	.	.	.
Luciobrotula sp.	.	.	.	.	.
Macrorhamphosus scolopax	1	.	.	.	1
MACROURIDAE	.	.	.	.	.
Malacocephalus occidentalis	5	.	.	.	5
Malacoraja purpuriventralis	.	.	.	.	.
Merluccius albidus	2	.	.	.	2
Monomitopus sp.	.	.	4	.	4
MORIDAE	.	.	.	.	.
?NEOBYTHITINAE	.	.	.	.	.
Neoscopelus macrolepidotus	.	.	1	.	1
Nettastoma melanura	.	.	.	.	.
Nezumia aequalis	.	6	1	.	7
Nezumia bubonis	.	.	.	.	.
Nezumia cyrano	.	.	.	.	.
Nezumia longebarbatus	.	.	.	.	.
Nezumia sclerorhynchus	.	.	.	.	.
Nezumia sp.	.	.	.	.	.
Nezumia suilla	.	.	.	.	.
Ophichthus cruentifer	.	.	.	.	.
Parasudis truculenta	16	.	.	.	16
Peristedion greyae	2	.	.	.	2
Peristedion miniatum	3	.	.	.	3
Poecilopsetta beani	31	.	.	.	31
Polyacanthonotus merretti	.	.	.	.	.
Polymetme corythaeola	.	.	.	.	.
Polymixia lowei	2	.	.	.	2
Pontinus longispinis	4	.	.	.	4
Prionotus stearnsi	1	.	.	.	1
Pseudophichthys laterodorsalis	.	4	.	.	4
Raja garmani	1	.	.	.	1
Raja lentiginosa	.	.	.	.	.
?*Rinoctes nasutus*	.	.	.	.	.
Setarches guentheri	1	.	.	.	1
Sphagemacurus grenadae	.	.	.	.	.

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Table C-2 (Con't)

Taxa	Cruise I Stations C1	C2	C3	C4	Total
Squalogadus modificatus	.	.	.	.	.
Steindachneria argentea	2	.	.	.	2
Stephanoberyx monae	.	.	.	.	.
Symphurus marginatus	.	.	.	.	.
Synagrops bella	.	.	.	.	.
Synagrops spinosa	.	.	.	.	.
Synaphobranchus oregoni	.	3	7	.	10
Synaphobranchus sp.	.	.	.	1	1
Trachonurus villosus	.	.	.	.	.
Urophycis cirratus	26	.	.	.	26
Urophycis floridanus	5	.	.	.	5
Venefica procera	.	.	.	.	.
Xyelacyba myersi	.	.	.	.	.
Yarella blackfordi	.	.	1	.	1
	201	30	27	3	261

Table C-2 (Con't)

Taxa	Cruise II Stations W1	W2	W3	W4	Total
Anacanthobatus folirostris	.	.	.	.	.
Acanthonus armatus	.	.	.	.	.
Acromycter purturbator	.	.	.	.	.
Aldrovandia affinis	.	.	.	2	2
Aldrovandia gracilis	.	.	.	.	.
Apistrurus laurussonii	.	.	.	.	.
Apristurus parvipinnus	.	.	.	.	.
Argentina striata	.	.	.	.	.
Barathronus bicolor	.	.	.	.	.
Bassozetus sp.	.	.	.	.	.
Bathophilus sp.	.	.	.	.	.
Bathygadus favosus	.	.	.	.	.
Bathygadus macrops	.	3	.	.	3
Bathygadus melanobranchus	.	.	2	.	2
Bathypterois gallator	.	.	.	.	.
Bathypterois phenax	.	.	.	.	.
Bathypterois quadrifilis	.	.	.	.	.
Bathypterois viridescens	.	.	1	.	1
Bathyuroconger vicinus	.	.	.	.	.
Bembrops anatirostris	.	.	.	.	.
Bembrops gobioides	45	1	.	.	46
Brosmiculus imberbis	5	.	.	.	5
Cataetyx sp.	.	.	.	.	.
Chaunax pictus	.	2	.	.	2
Chlorophthalmus agassizi	35	.	.	.	35
Coelorinchus caribbaeus	3	.	.	.	3
Coelorinchus coelorhynchus	4	.	.	.	4
Coelorinchus sp.	.	.	.	.	.
CONGRIDAE	.	.	.	.	.
Conocara sp.	.	.	.	.	.
Coryphaenoides colon	.	1	.	.	1
Coryphaenoides macrocephalus	.	.	.	.	.
Coryphaenoides mexicanus	.	.	5	.	5
Cruriraja rugosa	.	.	.	.	.
Decapterus punctatus	.	.	.	.	.
Dibranchus atlanticus	.	15	2	.	17
Dicrolene sp.	.	.	6	1	7
Diplacanthopoma sp.	.	.	.	.	.
Epigonus macrops	.	.	2	.	2
Epigonus occidentalis	.	.	.	.	.
Epigonus pandionis	15	.	3	.	18
Eptatretus springeri	.	.	.	.	.
Etmopterus hillianus	.	.	.	.	.
Etmopterus schultzi	.	.	.	.	.
Etmopterus virens	.	.	.	.	.
Facciolella sp.	.	.	.	.	.
Gadomus arcuatus	.	.	.	.	.
Gadomus longifilis	.	.	.	.	.
Gnathagnus egregius	3	.	.	.	3

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Table C-2 (Con't)

	Cruise II Stations				
Taxa	W1	W2	W3	W4	Total
Gurgesiella sinusmexicanus	3	.	.	.	3
Halosaurus guentheri	.	.	7	.	7
Halosaurus ovenii	.	.	.	.	.
Helicolenus dactylopterus	.	.	.	.	.
Hemanthias vivanus	2	.	.	.	2
Hoplostethus occidentalis	1	.	.	.	1
Hoplunnis sp.	.	1	.	.	1
Hydrolagus sp.	.	.	1	.	1
Hymenocephalus italicus	3	.	.	.	3
Ilyophis brunneus	.	.	.	.	.
Ipnops murrayi	.	.	.	1	1
Laemonema barbatulum	.	2	.	.	2
Lepophidium brevibarbe	.	.	.	.	.
Leptoderma macrops	.	.	.	.	.
Lophiodes monodi	.	.	.	.	.
Luciobrotula sp.	.	.	.	.	.
Macrorhamphosus scolopax	.	.	.	.	.
MACROURIDAE	.	1	.	.	1
Malacocephalus occidentalis	4	.	.	.	4
Malacoraja purpuriventralis	.	.	.	.	.
Merluccius albidus	3	1	.	.	4
Monomitopus sp.	.	.	11	.	11
MORIDAE	.	.	.	.	.
?NEOBYTHITINAE	.	.	.	.	.
Neoscopelus macrolepidotus	.	4	1	.	5
Nettastoma melanura	.	1	.	.	1
Nezumia aequalis	.	5	.	.	5
Nezumia bubonis	.	.	.	.	.
Nezumia cyrano	.	.	2	.	2
Nezumia longebarbatus'	.	.	.	.	.
Nezumia sclerorhynchus	.	.	.	.	.
Nezumia sp.	.	1	1	.	2
Nezumia suilla	.	.	2	.	2
Ophichthus cruentifer	.	1	.	.	1
Parasudis truculenta	1	.	.	.	1
Peristedion greyae	2	.	.	.	2
Peristedion miniatum	1	.	.	.	1
Poecilopsetta beani	24	.	.	.	24
Polyacanthonotus merretti	.	.	.	.	.
Polymetme corythaeola	2	.	.	.	2
Polymixia lowei	.	.	.	.	.
Pontinus longispinis	1	.	.	.	1
Prionotus stearnsi	.	.	.	.	.
Pseudophichthys laterodorsalis	.	.	.	.	.
Raja garmani	.	.	.	.	.
Raja lentiginosa	1	.	.	.	1
?*Rinactes nasutus*	.	.	.	.	.
Setarches guentheri	59	.	.	.	59
Sphagemacurus grenadae	.	.	.	.	.

Table C-2 (Con't)

	Cruise II Stations				
Taxa	W1	W2	W3	W4	Total
					.
Squalogadus modificatus	.	.	.	.	.
Steindachneria argentea	.	.	.	.	.
Stephanoberyx monae	.	.	.	1	1
Symphurus marginatus	.	.	.	.	.
Synagrops bella	.	.	.	.	.
Synagrops spinosa	1	.	.	.	1
Synaphobranchus oregoni	.	.	27	1	28
Synaphobranchus sp.	.	.	.	.	.
Trachonurus villosus	.	.	.	.	.
Urophycis cirratus	8	.	.	.	8
Urophycis floridanus	.	.	.	.	.
Venefica procera	.	.	.	.	.
Xyelacyba myersi	.	.	.	.	.
Yarella blackfordi	.	1	.	.	1
	226	40	73	6	345

Table C-2 (Con't)

Taxa	Cruise II Stations C1	C2	C3	C4	C5	Total
Anacanthobatus folirostris	.	.	.	.	.	.
Acanthonus armatus	.	.	.	.	.	.
Acromycter purturbator	.	.	.	.	.	.
Aldrovandia affinis	.	.	.	.	.	.
Aldrovandia gracilis	.	.	.	.	.	.
Apistrurus laurussonii	.	.	.	.	.	.
Apristrurus parvipinnus	.	.	.	.	.	.
Argentina striata	1	.	.	.	.	1
Barathronus bicolor	.	1	1	.	.	2
Bassozetus sp.	.	.	.	.	.	.
Bathophilus sp.	.	.	.	.	.	.
Bathygadus favosus	.	.	.	.	.	.
Bathygadus macrops	.	2	1	.	.	3
Bathygadus melanobranchus	.	1	3	.	.	4
Bathypterois gallator	.	.	.	.	.	.
Bathypterois phenax	.	.	.	.	.	.
Bathypterois quadrifilis	.	.	.	.	.	.
Bathypterois viridescens	.	.	.	.	.	.
Bathyuroconger vicinus	.	.	.	.	.	.
Bembrops anatirostris	.	.	.	.	.	.
Bembrops gobioides	5	.	.	.	.	5
Brosmiculus imberbis	.	.	.	.	.	.
Cataetyx sp.	.	.	.	.	.	.
Chaunax pictus	.	3	.	.	.	3
Chlorophthalmus agassizi	1	.	.	.	.	1
Coelorinchus caribbaeus	34	.	.	.	.	34
Coelorinchus coelorhynchus	7	.	.	.	.	7
Coelorinchus sp.	.	.	.	.	.	.
CONGRIDAE	.	.	.	.	.	.
Conocara sp.	.	.	.	.	.	.
Coryphaenoides colon	.	1	1	.	.	2
Coryphaenoides macrocephalus	.	.	.	.	.	.
Coryphaenoides mexicanus	.	.	.	.	.	.
Cruriraja rugosa	.	.	.	.	.	.
Decapterus punctatus	.	.	.	.	.	.
Dibranchus atlanticus	.	1	5	.	.	6
Dicrolene sp.	.	.	3	1	.	4
Diplacanthopoma sp.	.	2	.	.	.	2
Epigonus macrops	.	.	.	.	.	.
Epigonus occidentalis	.	.	.	.	.	.
Epigonus pandionis	5	.	.	.	.	5
Eptatretus springeri	.	.	.	.	.	.
Etmopterus hillianus	.	.	.	.	.	.
Etmopterus schultzi	.	2	.	.	.	2
Etmopterus virens	.	.	.	.	.	.
Facciolella sp.	.	.	.	.	.	.
Gadomus arcuatus	.	.	.	.	.	.
Gadomus longifilis	.	.	.	.	.	.
Gnathagnus egregius	.	.	.	.	.	.

Table C-2 (Con't)

Taxa	Cruise II Stations					
	C1	C2	C3	C4	C5	Total
Gurgesiella sinusmexicanus	.	.	.	.	.	.
Halosaurus guentheri	.	.	.	.	.	.
Halosaurus oweni	.	1	.	.	.	1
Helicolenus dactylopterus	.	.	.	.	.	.
Hemanthias vivanus	1	.	.	.	.	1
Hoplostethus occidentalis	.	.	.	.	.	.
Hoplunnis sp.	.	.	.	.	.	.
Hydrolagus sp.	.	.	.	.	.	.
Hymenocephalus italicus	.	.	.	.	.	.
Ilyophis brunneus	.	.	.	.	.	.
Ipnops murrayi	.	.	.	.	.	.
Laemonema barbatulum	.	.	.	.	.	.
Lepophidium brevibarbe	.	.	.	.	.	.
Leptoderma macrops	.	.	.	.	.	.
Lophiodes monodi	.	.	.	.	.	.
Luciobrotula sp.	.	.	.	.	.	.
Macrorhamphosus scolopax	.	.	.	.	.	.
MACROURIDAE	.	.	.	.	.	.
Malacocephalus occidentalis	13	.	.	.	.	13
Malacoraja purpuriventralis	.	.	.	1	.	1
Merluccius albidus	3	.	.	.	.	3
Monomitopus sp.	.	.	.	.	.	.
MORIDAE	.	.	.	.	.	.
?NEOBYTHITINAE	.	.	.	.	.	.
Neoscopelus macrolepidotus	.	.	.	.	.	.
Nettastoma melanura	.	.	.	.	.	.
Nezumia aequalis	.	5	2	1	.	8
Nezumia bubonis	.	.	.	.	.	.
Nezumia cyrano	.	.	.	.	.	.
Nezumia longebarbatus	.	.	.	.	.	.
Nezumia sclerorhynchus	.	.	.	.	.	.
Nezumia sp.	.	.	.	.	.	.
Nezumia suilla	.	.	.	.	.	.
Ophichthus cruentifer	.	.	.	.	.	.
Parasudis truculenta	2	.	.	.	.	2
Peristedion greyae	.	.	.	.	.	.
Peristedion miniatum	.	.	.	.	.	.
Poecilopsetta beani	13	1	1	.	.	15
Polyacanthonotus merretti	.	.	.	.	.	.
Polymetme corythaeola	1	.	.	.	.	1
Polymixia lowei	.	.	.	.	.	.
Pontinus longispinis	1	.	.	.	.	1
Prionotus stearnsi	.	.	.	.	.	.
Pseudophichthys laterodorsalis	.	1	.	.	.	1
Raja garmani	.	.	.	.	.	.
Raja lentiginosa	.	.	.	.	.	.
?*Rinoctes nasutus*	.	.	.	.	.	.
Setarches guentheri	.	.	.	.	.	.
Sphagemacurus grenadae	.	.	.	.	.	.

Table C-2 (Con't)

Taxa	Cruise II Stations					
	C1	C2	C3	C4	C5	Total
Squalogadus modificatus	.	.	.	.	.	.
Steindachneria argentea	.	.	.	.	.	.
Stephanoberyx monae	.	.	.	.	.	.
Symphurus marginatus	.	.	.	.	.	.
Synagrops bella	.	.	.	.	.	.
Synagrops spinosa	.	.	.	.	.	.
Synaphobranchus oregoni	.	.	4	.	.	4
Synaphobranchus sp.	.	.	.	.	.	.
Trachonurus villosus	.	.	.	.	.	.
Urophycis cirratus	10	.	.	.	.	10
Urophycis floridanus	1	.	.	.	.	1
Venefica procera	.	.	.	.	1	1
Xyelacyba myersi	.	.	.	.	.	.
Yarella blackfordi	.	1	1	.	.	2
	98	22	22	3	1	146

Table C-2 (Con't)

	Cruise II Stations					
Taxa	E1	E2	E3	E4	E5	Total
Anacanthobatus folirostris	.	.	.	.	.	.
Acanthonus armatus	.	.	.	.	.	.
Acromycter purturbator	.	.	.	1	.	1
Aldrovandia affinis	.	.	.	4	.	4
Aldrovandia gracilis	.	.	.	1	.	1
Apistrurus laurussonii	.	.	.	1	.	1
Apristrurus parvipinnus	.	.	.	.	.	.
Argentina striata	.	.	.	.	.	.
Barathronus bicolor	.	1	.	.	.	1
Bassozetus sp.	.	.	.	.	.	.
Bathophilus sp.	.	.	.	.	.	.
Bathygadus favosus	.	.	.	10	.	10
Bathygadus macrops	.	7	.	2	.	9
Bathygadus melanobranchus	.	.	4	.	.	4
Bathypterois gallator	.	.	.	.	.	.
Bathypterois phenax	.	.	.	4	.	4
Bathypterois quadrifilis	.	.	.	9	.	9
Bathypterois viridescens	.	.	.	1	.	1
Bathyuroconger vicinus	.	.	.	.	.	.
Bembrops anatirostris	.	.	.	1	.	1
Bembrops gobioides	5	.	.	14	.	19
Brosmiculus imberbis	.	.	.	.	.	.
Cataetyx sp.	.	.	.	1	.	1
Chaunax pictus	.	7	1	.	.	8
Chlorophthalmus agassizi	11	.	.	.	.	11
Coelorinchus caribbaeus	.	.	.	.	.	.
Coelorinchus coelorhynchus	3	.	.	.	.	3
Coelorinchus sp.	.	.	.	1	.	1
CONGRIDAE	.	.	.	.	.	.
Conocara sp.	.	.	.	6	.	6
Coryphaenoides colon	.	1	.	.	.	1
Coryphaenoides macrocephalus	.	.	.	.	.	.
Coryphaenoides mexicanus	.	.	2	1	.	3
Cruriraja rugosa	.	.	.	.	.	.
Decapterus punctatus	.	.	.	.	.	.
Dibranchus atlanticus	.	13	9	.	.	22
Dicrolene sp.	.	.	2	8	.	10
Diplacanthopoma sp.	.	3	2	.	.	5
Epigonus macrops	.	.	.	.	.	.
Epigonus occidentalis	.	.	.	.	.	.
Epigonus pandionis	6	.	.	.	.	6
Eptatretus springeri	.	.	.	.	.	.
Etmopterus hillianus	.	.	.	.	.	.
Etmopterus schultzi	.	2	.	.	.	2
Etmopterus virens	.	.	.	.	.	.
Facciolella sp.	.	.	.	.	.	.
Gadomus arcuatus	.	.	1	1	.	2
Gadomus longifilis	.	.	.	31	.	31
Gnathagnus egregius	.	.	.	.	.	.

Table C-2 (Con't)

Taxa	Cruise II Stations E1	E2	E3	E4	E5	Total
Gurgesiella sinusmexicanus	.	.	.	.	.	.
Halosaurus guentheri	.	.	.	1	.	1
Halosaurus ovenii	.	.	.	.	.	.
Helicolenus dactylopterus	1	.	.	.	.	1
Hemanthias vivanus	.	.	.	.	.	.
Hoplostethus occidentalis	1	.	.	.	.	1
Hoplunnis sp.	.	.	.	.	.	.
Hydrolagus sp.	.	.	.	.	.	.
Hymenocephalus italicus	27	.	.	.	.	27
Ilyophis brunneus	.	.	2	11	.	13
Ipnops murrayi	.	.	.	.	.	.
Laemonema barbatulum	.	3	.	.	.	3
Lepophidium brevibarbe	.	.	.	.	.	.
Leptoderma macrops	.	.	1	.	.	1
Lophiodes monodi	4	1	.	.	.	5
Luciobrotula sp.	.	.	.	.	.	.
Macrorhamphosus scolopax	.	.	.	.	.	.
MACROURIDAE	.	.	.	.	.	.
Malacocephalus occidentalis	1	.	.	.	.	1
Malacoraja purpuriventralis	.	.	.	.	.	.
Merluccius albidus	2	.	.	.	.	2
Monomitopus sp.	.	.	3	7	.	10
MORIDAE	.	.	.	.	.	.
?NEOBYTHITINAE	.	.	.	.	.	.
Neoscopelus macrolepidotus	.	4	.	.	.	4
Nettastoma melanura	.	.	.	.	.	.
Nezumia aequalis	.	7	2	.	.	9
Nezumia bubonis	.	.	.	.	.	.
Nezumia cyrano	.	.	1	10	.	11
Nezumia longebarbatus	.	.	.	.	.	.
Nezumia sclerorhynchus	.	.	.	.	.	.
Nezumia sp.	.	.	.	.	.	.
Nezumia suilla	.	.	1	4	.	5
Ophichthus cruentifer	.	.	.	.	.	.
Parasudis truculenta	.	.	.	4	.	4
Peristedion greyae	14	1	.	1	.	16
Peristedion miniatum	.	.	.	.	.	.
Poecilopsetta beani	.	2	.	.	.	2
Polyacanthonotus merretti	.	.	.	.	.	.
Polymetme corythaeola	.	.	.	.	.	.
Polymixia lowei	.	.	.	.	.	.
Pontinus longispinis	.	.	.	.	.	.
Prionotus stearnsi	.	.	.	.	.	.
Pseudophichthys laterodorsalis	.	2	.	.	.	2
Raja garmani	.	.	.	.	.	.
Raja lentiginosa	.	.	.	.	.	.
?Rinoctes nasutus	.	.	.	.	.	.
Setarches guentheri	5	.	.	.	.	5
Sphagemacurus grenadae	.	.	.	.	.	.

Table C-2 (Con't)

Taxa	Cruise II Stations E1	E2	E3	E4	E5	Total
Squalogadus modificatus	.	.	.	1	.	1
Steindachneria argentea	.	.	.	.	.	.
Stephanoberyx monae	.	.	.	33	.	33
Symphurus marginatus	1	.	.	.	.	1
Synagrops bella	2	.	.	.	.	2
Synagrops spinosa	.	.	.	.	.	.
Synaphobranchus oregoni	.	.	24	18	.	42
Synaphobranchus sp.	.	1	.	.	.	1
Trachonurus villosus	.	.	.	1	.	1
Urophycis cirratus	13	.	.	.	.	13
Urophycis floridanus	.	.	.	.	.	.
Venefica procera	.	.	.	6	1	7
Xyelacyba myersi	.	.	.	2	.	2
Yarella blackfordi	.	.	.	.	.	.
	96	55	55	196	1	403

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Table C-2 (Con't)

Taxa	Cruise III Stations										
	C1	C6	C2	C3	C7	C8	C4	C10	C11	C5	Total
Anacanthobatus folirostris	.	1	.	.	.	.	.	.	.	.	1
Acanthonus armatus	.	.	.	.	.	.	.	.	.	2	2
Acromycter purturbator	.	.	.	.	1	9	.	.	.	.	10
Aldrovandia affinis	.	.	.	.	.	4	.	3	.	.	7
Aldrovandia gracilis	.	.	.	.	.	1	.	1	.	.	2
Apistrurus laurussonii	.	.	.	.	.	.	.	.	.	.	.
Apristrurus parvipinnus	.	.	.	1	.	.	.	.	.	.	1
Argentina striata	.	.	.	.	.	.	.	.	.	.	.
Barathronus bicolor	.	.	.	.	.	1	.	1	.	.	2
Bassozetus sp.	.	.	.	.	.	.	.	.	.	1	1
Bathophilus sp.	.	.	.	.	.	.	.	.	.	.	.
Bathygadus favosus	.	.	.	.	.	2	.	.	.	.	2
Bathygadus macrops	.	.	6	.	.	.	.	.	.	.	6
Bathygadus melanobranchus	.	.	3	4	1	1	.	.	.	.	9
Bathypterois gallator	.	.	.	.	.	.	.	.	2	3	5
Bathypterois phenax	.	.	.	.	.	.	.	.	.	.	.
Bathypterois quadrifilis	.	.	.	.	1	5	.	1	.	.	7
Bathypterois viridescens	.	.	.	.	1	.	.	.	.	.	1
Bathyuroconger vicinus	.	.	.	.	.	.	.	.	.	.	.
Bembrops anatirostris	.	.	.	.	.	.	.	.	.	.	.
Bembrops gobioides	4	12	.	.	.	.	.	.	.	.	16
Brosmiculus imberbis	10	1	.	1	.	.	.	.	.	.	12
Cataetyx sp.	.	.	.	.	2	.	.	.	.	.	2
Chaunax pictus	.	3	1	.	.	.	.	.	.	.	4
Chlorophthalmus agassizi	5	.	.	.	.	.	.	.	.	.	5
Coelorinchus caribbaeus	20	.	.	.	.	.	.	.	.	.	20
Coelorinchus coelorhynchus	.	46	7	.	.	.	.	.	.	.	53
Coelorinchus sp.	.	.	.	.	.	.	.	.	.	.	.
CONGRIDAE	.	.	1	.	.	.	.	.	.	.	1
Conocara sp.	.	.	.	.	.	.	.	.	.	.	.
Coryphaenoides colon	.	.	3	2	1	.	.	.	.	.	6
Coryphaenoides macrocephalus	.	.	.	.	.	1	.	.	1	2	4
Coryphaenoides mexicanus	.	.	.	6	3	5	1	.	1	.	16
Cruriraja rugosa	.	.	.	.	.	.	.	.	.	.	.
Decapterus punctatus	.	.	.	.	.	.	.	.	.	.	.
Dibranchus atlanticus	.	31	18	15	3	.	.	.	.	.	67
Dicrolene sp.	.	.	.	1	2	9	.	.	.	.	12
Diplacanthopoma sp.	.	.	4	.	.	.	.	.	.	.	4
Epigonus macrops	.	.	.	.	.	.	.	.	.	.	.
Epigonus occidentalis	.	.	.	.	.	.	.	.	.	.	.
Epigonus pandionis	2	7	.	.	.	.	.	.	.	.	9
Eptatretus springeri	.	1	1	.	.	.	.	.	.	.	2
Etmopterus hillianus	.	15	1	.	.	.	.	.	.	.	16
Etmopterus schultzi	.	.	.	.	.	.	.	.	.	.	.
Etmopterus virens	.	1	.	.	.	.	.	.	.	.	1
Facciolella sp.	.	.	1	.	.	.	.	.	.	.	1
Gadomus arcuatus	.	.	.	.	1	.	.	.	.	.	1
Gadomus longifilis	.	.	.	.	8	8	.	.	.	.	16
Gnathagnus egregius	1	.	.	.	.	.	.	.	.	.	1

Table C-2 (Con't)

Taxa	Cruise III Stations										Total
	C1	C6	C2	C3	C7	C8	C4	C10	C11	C5	
Gurgesiella sinusmexicanus	1	.	2	.	.	.	.	.	.	.	3
Halosaurus guentheri	.	.	.	2	6	.	.	.	.	.	8
Halosaurus ovenii	.	.	.	.	.	.	.	.	.	.	.
Helicolenus dactylopterus	.	.	.	.	.	.	.	.	.	.	.
Hemanthias vivanus	1	.	.	.	.	.	.	.	.	.	1
Hoplostethus occidentalis	.	2	.	.	.	.	.	.	.	.	2
Hoplunnis sp.	.	.	.	.	.	.	.	.	.	.	.
Hydrolagus sp.	.	.	.	.	.	.	.	.	.	.	.
Hymenocephalus italicus	.	.	.	.	.	.	.	.	.	.	.
Ilyophis brunneus	.	.	.	.	5	37	.	.	.	.	42
Ipnops murrayi	.	.	.	.	.	.	.	.	.	.	.
Laemonema barbatulum	.	16	6	.	.	.	.	.	.	.	22
Lepophidium brevibarbe	.	.	.	.	.	.	.	.	.	.	.
Leptoderma macrops	.	.	.	.	.	.	.	.	.	.	.
Lophiodes monodi	.	.	.	.	.	.	.	.	.	.	.
Luciobrotula sp.	.	.	1	.	.	.	.	.	.	.	1
Macrorhamphosus scolopax	.	.	.	.	.	.	.	.	.	.	.
MACROURIDAE	.	.	.	.	.	.	.	.	.	.	.
Malacocephalus occidentalis	5	12	2	.	.	.	.	.	.	.	19
Malacoraja purpuriventralis	.	.	.	2	1	.	.	.	.	.	3
Merluccius albidus	2	1	.	.	.	.	.	.	.	.	3
Monomitopus sp.	.	.	.	4	5	8	.	.	.	.	17
MORIDAE	.	.	.	.	.	1	.	.	.	.	1
?NEOBYTHITINAE	.	.	.	.	.	1	.	.	.	.	1
Neoscopelus macrolepidotus	.	.	.	.	.	.	.	.	.	.	.
Nettastoma melanura	.	.	2	.	.	.	.	.	.	.	2
Nezumia aequalis	.	4	19	7	.	.	.	.	.	.	30
Nezumia bubonis	.	.	1	.	.	.	.	.	.	.	1
Nezumia cyrano	.	.	.	.	7	6	.	.	.	.	13
Nezumia longebarbatus	.	.	.	.	.	.	.	2	.	.	2
Nezumia sclerorhynchus	.	4	.	.	.	.	.	.	.	.	4
Nezumia sp.	.	.	.	.	.	1	.	.	.	.	1
Nezumia suilla	.	.	.	.	.	1	.	.	.	.	1
Ophichthus cruentifer	.	.	.	.	.	.	.	.	.	.	.
Parasudis truculenta	2	.	.	.	.	.	.	.	.	.	2
Peristedion greyae	.	13	.	.	.	.	.	.	.	.	13
Peristedion miniatum	.	.	.	.	.	.	.	.	.	.	.
Poecilopsetta beani	4	.	.	.	.	.	.	.	.	.	4
Polyacanthonotus merretti	.	.	.	.	.	2	.	.	.	.	2
Polymetme corythaeola	.	.	.	.	.	.	.	.	.	.	.
Polymixia lowei	3	.	.	.	.	.	.	.	.	.	3
Pontinus longispinis	.	.	.	.	.	.	.	.	.	.	.
Prionotus stearnsi	.	.	.	.	.	.	.	.	.	.	.
Pseudophichthys laterodorsalis	.	.	.	.	.	.	.	.	.	.	.
Raja garmani	1	.	.	.	.	.	.	.	.	.	1
Raja lentiginosa	.	.	.	.	.	.	.	.	.	.	.
?*Rinactes nasutus*	.	.	.	.	.	1	.	.	.	.	1
Setarches guentheri	.	.	.	.	.	.	.	.	.	.	.
Sphagemacrurus grenadae	.	.	.	.	.	6	.	.	.	.	6

Table C-2 (Con't)

	Cruise III Stations										
Taxa	C1	C6	C2	C3	C7	C8	C4	C10	C11	C5	Total
Squalogadus modificatus	.	.	.	.	.	.	.	.	.	.	.
Steindachneria argentea	27	.	.	.	.	.	.	.	.	.	27
Stephanoberyx monae	.	.	.	.	.	3	1	.	.	.	4
Symphurus marginatus	.	1	.	.	.	.	.	.	.	.	1
Synagrops bella	5	.	.	.	.	.	.	.	.	.	5
Synagrops spinosa	.	.	.	.	.	.	.	.	.	.	.
Synaphobranchus oregoni	.	.	1	19	17	23	2	.	.	.	62
Synaphobranchus sp.	.	.	.	.	.	.	.	.	.	.	.
Trachonurus villosus	.	.	.	.	.	.	.	.	.	.	.
Urophycis cirratus	20	100	7	.	.	.	.	.	.	.	127
Urophycis floridanus	.	.	.	.	.	.	.	.	.	.	.
Venefica procera	.	.	.	.	1	1	.	.	.	.	2
Xyelacyba myersi	.	.	.	.	.	.	.	.	.	.	.
Yarella blackfordi	.	.	.	.	.	.	.	.	.	.	.
	113	271	87	64	66	137	4	8	4	8	762

Table C-3. Station counts for macrofaunal groups from boxcore samples of Cruises I-III.

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
NEMATODA	160	211	117	401	512	1401
POLYCHAETA	419	516	374	367	216	1892
HARPACTICOIDA	61	106	73	165	86	491
OSTRACODA	24	128	215	79	17	463
BIVALVIA	47	31	61	82	48	269
TANAIDACEA	36	99	51	66	10	262
ISOPODA	198	63	55	50	22	388
AMPHIPODA	65	33	29	18	3	148
BRYOZOA	1	4	7	22	1	35
APLACOPHORA	19	16	19	9	3	66
NEMERTEA	14	9	12	18	6	59
CUMACEA	27	8	6	16	1	58
SCAPHAPODA	4	5	8	13	8	38
SIPUNCULA	6	2	7	6	.	21
PORIFERA	.	1	1	4	1	7
GASTROPODA	12	3	7	1	1	24
SCYPHOZOA	6	.	.	1	.	7
BRACHIOPODA	.	3	.	.	.	3
ASCIDIACEA	.	.	3	11	.	14
HOLOTHUROIDEA	.	.	.	.	.	.
OPHIUROIDEA	8	4	11	15	9	47
HYDROZOA	.	.	.	.	.	.
PRIAPULIDA	.	.	1	.	7	8
ECHINOIDEA	1	.	1	1	5	8
HALACARIDA	.	.	.	.	.	.
OLIGOCHAETA	3	.	1	.	4	8
KINORHYNCHA	1	.	1	3	.	5
ECHIURA	.	.	.	.	.	.
ACTINIARIA	.	.	.	.	.	.
TURBELLARIA	.	.	1	.	.	1
DECAPODA	.	2	.	.	.	2
SCLERACTINEA	.	.	.	.	.	.
POGONOPHORA	.	.	.	.	.	.
MYSIDACEA	.	.	.	1	.	1
PYCNOGONIDA	.	.	.	1	.	1
COPEPODA	.	.	3	.	.	3
CRINOIDEA	.	.	.	.	.	.
ASTEROIDEA	.	.	.	.	.	.
CEPHALOCORDATA	.	.	.	1	.	1
CIRRIPEDIA	.	.	.	.	.	.
HEMICHORDATA	.	.	.	.	.	.
	1112	1244	1064	1351	960	5731

Table C-3 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Total
NEMATODA	95	199	176	46	78	594
POLYCHAETA	138	88	45	35	23	329
HARPACTICOIDA	29	40	65	33	69	236
OSTRACODA	2	29	24	11	18	84
BIVALVIA	31	16	27	26	12	112
TANAIDACEA	18	21	27	20	16	102
ISOPODA	15	28	13	22	3	81
AMPHIPODA	3	9	5	2	1	20
BRYOZOA	12	1	10	2	11	36
APLACOPHORA	11	2	7	1	3	24
NEMERTEA	7	9	6	2	1	25
CUMACEA	3	3	6	1	1	14
SCAPHAPODA	2	.	4	1	1	8
SIPUNCULA	20	7	.	2	.	29
PORIFERA	.	1	1	1	12	15
GASTROPODA	.	1	3	.	1	5
SCYPHOZOA	.	.	1	.	.	1
BRACHIOPODA	.	.	.	1	.	1
ASCIDIACEA	.	2	1	.	1	4
HOLOTHUROIDEA	.	6	2	.	.	8
OPHIUROIDEA	.	.	.	.	.	.
HYDROZOA	.	.	.	.	.	.
PRIAPULIDA	.	.	1	.	.	1
ECHINOIDEA	.	.	1	.	.	1
HALACARIDA	.	.	.	.	.	.
OLIGOCHAETA	.	1	.	.	.	1
KINORHYNCHA	.	.	.	.	.	.
ECHIURA	.	.	.	.	.	.
ACTINIARIA	.	.	.	.	.	.
TURBELLARIA	.	.	.	.	.	.
DECAPODA	.	1	.	.	.	1
SCLERACTINEA	.	.	.	.	.	.
POGONOPHORA	.	.	.	.	.	.
MYSIDACEA	.	.	.	.	.	.
PYCNOGONIDA	1	.	.	.	.	1
COPEPODA	.	.	.	.	.	.
CRINOIDEA	.	.	.	.	.	.
ASTEROIDEA	.	.	.	.	.	.
CEPHALOCORDATA	.	.	.	.	.	.
CIRRIPEDIA	.	.	.	.	.	.
HEMICHORDATA	.	.	.	.	.	.
	387	464	425	206	251	1733

Table C-3 (Con't)

Taxa	Cruise II Stations					
	C 1	C 2	C 3	C 4	C 5	Total
NEMATODA	172	268	224	327	363	1354
POLYCHAETA	89	166	70	88	47	460
HARPACTICOIDA	48	201	140	230	92	711
OSTRACODA	10	146	148	89	64	457
BIVALVIA	58	38	75	105	54	330
TANAIDACEA	23	123	94	68	21	329
ISOPODA	55	89	44	108	32	328
AMPHIPODA	20	38	44	21	9	132
BRYOZOA	11	14	10	39	8	82
APLACOPHORA	26	6	15	14	3	64
NEMERTEA	9	9	14	13	8	53
CUMACEA	3	18	7	11	5	44
SCAPHAPODA	.	1	2	4	10	17
SIPUNCULA	3	1	2	7	.	13
PORIFERA	.	.	1	5	.	6
GASTROPODA	12	3	13	10	4	42
SCYPHOZOA	2	.	2	.	4	8
BRACHIOPODA	2	3	1	.	7	13
ASCIDIACEA	.	.	4	13	.	17
HOLOTHUROIDEA	.	1	4	4	1	10
OPHIUROIDEA	.	.	.	.	.	.
HYDROZOA	4	1	3	3	.	11
PRIAPULIDA	1	.	1	1	8	11
ECHINOIDEA	.	.	1	4	4	9
HALACARIDA	.	.	.	5	.	5
OLIGOCHAETA	.	.	.	1	1	2
KINORHYNCHA	.	.	.	2	.	2
ECHIURA	.	.	1	.	.	1
ACTINIARIA	1	.	.	2	.	3
TURBELLARIA	.	.	.	2	.	2
DECAPODA	1	1	.	.	.	2
SCLERACTINEA	.	.	.	.	.	.
POGONOPHORA	.	.	.	.	.	.
MYSIDACEA	.	1	.	.	.	1
PYCNOGONIDA	.	.	.	.	.	.
COPEPODA	.	.	.	.	.	.
CRINOIDEA	.	.	.	2	.	2
ASTEROIDEA	.	.	.	.	.	.
CEPHALOCORDATA	.	.	1	.	.	1
CIRRIPEDIA	.	.	.	.	.	.
HEMICHORDATA	.	.	.	.	.	.
	550	1128	921	1178	745	4522

Table C-3 (Con't)

Taxa	Cruise II Stations					
	E 1	E 2	E 3	E 4	E 5	Total
NEMATODA	241	270	255	267	147	1180
POLYCHAETA	84	90	98	85	25	382
HARPACTICOIDA	49	42	65	94	58	308
OSTRACODA	26	23	60	82	33	224
BIVALVIA	53	21	38	61	13	186
TANAIDACEA	9	21	51	46	17	144
ISOPODA	7	10	15	38	18	88
AMPHIPODA	.	15	13	10	2	40
BRYOZOA	27	3	13	22	3	68
APLACOPHORA	26	13	4	7	1	51
NEMERTEA	4	3	3	4	4	18
CUMACEA	3	1	11	8	7	30
SCAPHAPODA	3	.	.	4	.	7
SIPUNCULA	11	5	5	4	4	29
PORIFERA	.	3	1	6	22	32
GASTROPODA	3	.	2	3	4	12
SCYPHOZOA	15	.	6	3	2	26
BRACHIOPODA	.	1	.	.	.	1
ASCIDIACEA	.	1	4	2	2	9
HOLOTHUROIDEA	3	8	5	5	.	21
OPHIUROIDEA	.	.	.	.	.	.
HYDROZOA	6	.	4	.	.	10
PRIAPULIDA	.	.	2	.	.	2
ECHINOIDEA	.	1	.	1	1	3
HALACARIDA	.	.	2	.	3	5
OLIGOCHAETA	4	4	.	1	4	13
KINORHYNCHA	5	.	.	.	.	5
ECHIURA	9	.	.	.	.	9
ACTINIARIA	.	.	1	1	.	2
TURBELLARIA	1	.	.	.	.	1
DECAPODA	.	1	.	.	.	1
SCLERACTINEA	.	.	.	.	.	.
POGONOPHORA	.	.	.	.	.	.
MYSIDACEA	1	.	.	.	.	1
PYCNOGONIDA	.	.	.	.	.	.
COPEPODA	.	.	.	.	.	.
CRINOIDEA	.	.	.	.	.	.
ASTEROIDEA	.	.	.	.	.	.
CEPHALOCORDATA	.	.	.	.	.	.
CIRRIPEDIA	.	.	.	.	.	.
HEMICHORDATA	.	.	.	.	.	.
	590	536	658	754	370	2908

Table C-3 (Con't)

	Cruise III Stations											
Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
NEMATODA	64	41	82	65	447	252	793	230	132	128	73	2307
POLYCHAETA	72	119	37	40	74	46	78	23	7	12	35	543
HARPACTICOIDA	17	24	18	25	102	88	82	76	34	41	15	522
OSTRACODA	8	12	99	70	112	108	72	48	6	72	22	629
BIVALVIA	32	31	42	62	113	62	96	61	27	55	26	607
TANAIDACEA	8	13	34	54	143	54	38	31	9	17	10	411
ISOPODA	20	28	11	13	66	27	39	44	8	18	17	291
AMPHIPODA	13	25	10	12	63	28	32	8	2	3	.	196
BRYOZOA	.	.	5	5	2	15	28	32	110	11	1	209
APLACOPHORA	26	7	12	12	60	16	10	9	.	3	.	155
NEMERTEA	6	4	3	5	11	10	2	12	3	2	1	59
CUMACEA	5	.	6	5	21	8	11	2	.	2	5	65
SCAPHAPODA	.	1	.	6	8	5	6	9	8	9	1	53
SIPUNCULA	2	.	1	2	6	5	1	2	1	1	.	21
PORIFERA	.	.	.	1	2	13	8	7	7	2	8	48
GASTROPODA	2	1	2	.	9	4	3	2	.	.	.	23
SCYPHOZOA	2	.	1	.	4	9	6	15	11	2	.	50
BRACHIOPODA	.	.	.	.	1	2	1	.	45	7	.	56
ASCIDIACEA	.	.	.	2	.	1	6	11	2	1	.	23
HOLOTHUROIDEA	.	.	.	1	2	5	3	3	2	5	.	21
OPHIUROIDEA	.	.	.	.	.	.	.	.	.	.	.	.
HYDROZOA	.	.	2	.	1	.	.	5	.	.	.	8
PRIAPULIDA	.	.	.	.	.	.	.	.	.	2	2	4
ECHINOIDEA	.	.	1	.	.	.	1	.	.	1	1	4
HALACARIDA	.	.	1	.	4	3	.	.	2	.	.	10
OLIGOCHAETA	1	.	.	.	.	.	.	.	.	.	.	1
KINORHYNCHA	.	.	.	.	1	.	.	2	1	1	.	5
ECHIURA	.	.	.	.	.	.	.	.	.	.	.	.
ACTINIARIA	.	.	.	.	.	.	.	1	1	.	.	2
TURBELLARIA	.	.	.	1	.	1	.	.	.	1	.	3
DECAPODA	.	.	.	.	1	.	.	.	.	.	.	1
SCLERACTINEA	4	.	.	1	.	.	.	2	.	.	.	7
POGONOPHORA	.	.	.	.	5	.	.	.	.	.	.	5
MYSIDACEA	.	.	.	.	.	.	.	1	.	.	.	1
PYCNOGONIDA	.	.	.	.	.	.	.	1	.	.	.	1
COPEPODA	.	.	.	.	.	.	.	.	.	.	.	.
CRINOIDEA	.	.	.	.	.	.	1	.	.	.	.	1
ASTEROIDEA	1	.	.	.	1	.	.	.	.	.	.	2
CEPHALOCORDATA	.	.	.	.	.	.	.	.	.	.	.	.
CIRRIPEDIA	.	.	.	1	.	.	.	.	.	.	.	1
HEMICHORDATA	.	.	.	.	.	.	.	1	.	.	.	1
	283	306	367	383	1259	762	1317	638	418	396	217	6346

Table C-4. Station densities* for macrofaunal species from boxcore samples of Cruises I-III (no/m^2).

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
PORIFERA						
?CHONDROCLADIA SP.	.	.	.	3	.	<1
?ESPERIOPSIS PULCHELLA	.	.	.	.	3	<1
MYCALE SP.B	.	3	.	.	.	<1
PLAKINIDAE SP.A	.	.	3	.	.	<1
THENEA SP.C	.	.	.	9	.	2
	.	3	3	12	3	4
POLYCHAETA						
ACROCIRRIDAE	.	.	.	12	3	3
AEDICIRA SP.	.	3	15	41	88	29
AGLAOPHAMUS CIRCINATA	6	23	.	.	.	6
AGLAOPHAMUS/INERMONEPHTYS SP.	15	.	.	.	.	3
AMPHARETE "SP.A"	.	3	3	12	.	4
AMPHARETIDAE	.	41	9	15	.	13
AMPHARETIDAE GENUS A	3	.	.	.	.	<1
AMPHARETIDAE GENUS B	9	.	.	.	.	2
AMPHICTEIS GUNNERI	.	3	.	.	.	<1
AMPHINOMIDAE	.	.	.	.	12	2
ANCISTROSYLLIS "SP.A"	.	.	6	.	.	1
ARENICOLIDAE	.	.	.	3	.	<1
ARICIDEA CATHERINAE	.	12	3	.	6	4
ARICIDEA CERRUTI	.	.	21	9	.	6
ARICIDEA SUECICA	202	97	67	47	18	86
ARICIDEA TRILOBATA?	.	.	.	9	.	2
ASCLEROCHEILUS SP.A	.	.	.	.	3	<1
ASYCHIS ATLANTICUS	.	6	.	.	.	1
AUCHENOPLAX CRINITA	3	.	.	.	.	<1
AUGENERIA BIDENS	.	.	.	.	15	3
AUTOLYTUS SP.A	3	.	.	.	.	<1
BRADA SP.A	.	.	.	3	.	<1
CALIFIA SP.A	3	.	.	.	.	<1
CALIFIA SP.B	.	.	3	.	.	<1
CAPETOMASTUS SP.A	.	.	.	.	3	<1
CAPITELLA CAPITATA	.	3	.	.	.	<1
CAPITELLIDAE	12	.	6	3	.	4
CAPITELLIDAE GENUS A	12	15	9	3	15	11
CAPITELLIDAE GENUS B	.	.	3	.	.	<1
CAPITELLIDAE GENUS C	.	3	.	6	.	2
CAPITELLIDAE GENUS D	.	.	.	6	.	1
?CAPITELLIDES SP.	3	.	.	.	.	<1
CAULLERIELLA CAPENSIS?	.	.	3	.	.	<1
CERATOCEPHALE LOVENI	.	.	.	3	.	<1
CERATOCEPHALE OCULATA	.	12	.	9	3	5

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* See Appendix A-4.

Table C-4 (Con't)

Taxa	Cruise I Stations C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
POLYCHAETA (con't)						
CHAETOPTERIDAE	.	.	.	12	.	2
CHONE SP.A	12	3	3	.	.	4
CIRRATULIDAE	.	.	6	.	.	1
CIRRATULUS SP.	.	.	3	.	.	<1
CIRROPHORUS BRANCHIATUS	.	3	.	.	.	<1
CIRROPHORUS LYRA	.	3	9	18	3	6
CIRROPHORUS SP.	.	3	.	.	.	<1
CLYMENURA SP.A	3	.	.	.	.	<1
COSSURA DELTA	26	3	.	.	12	8
DIPLOCIRRUS "SP.A"	.	.	3	.	.	<1
DIPLOCIRRUS CAPENSIS	.	3	26	15	.	9
DORVILLEA SOCIABILIS	6	.	.	.	.	1
DORVILLEIDAE	.	.	.	3	.	<1
ETEONE SP.A	3	.	.	.	.	<1
EUCHONE INCOLOR?	6	3	.	.	.	2
EUNICIDAE	3	.	.	.	.	<1
EURYSYLLIS SP.A	.	3	.	.	.	<1
EXOGONE "SP.A"	.	3	3	44	59	22
EXOGONE ATLANTICA	.	18	18	6	12	11
EXOGONE LONGICIRRUS?	3	29	26	.	.	12
EXOGONE SP.	.	.	.	3	3	1
EXOGONE SP.B	.	.	3	12	.	3
EXOGONE SP.C	.	.	.	3	.	<1
EXOGONINAE GENUS A	3	.	.	.	.	<1
FAUVELIOPSIS SP.B	.	12	3	6	21	8
FLABELLIDERMA SP.	.	.	9	.	.	2
FLABELLIGELLA PAPILLATA	.	.	3	.	.	<1
FLABELLIGELLA SP.A	.	.	6	.	.	1
FLABELLIGERIDAE	.	3	.	.	.	<1
GLYCERA PAPILLOSA?	.	6	15	41	6	13
GLYCERA SP.A	3	.	.	.	.	<1
GLYCERA SP.B	.	.	3	.	.	<1
GLYCERA SP.C	3	3	.	.	.	1
GLYCERIDAE	3	.	6	3	.	2
GLYCINDE NORDMANNI	.	3	.	.	.	<1
GONIADA SP.A	.	.	.	3	.	<1
GYPTIS SP.A	3	.	.	.	.	<1
HAPLOSCOLOPLOS SP.A	3	.	.	.	.	<1
HESIONIDAE	6	3	.	.	.	2
HESIOSPINA SP.A	.	3	.	.	.	<1
HETEROSPIO "SP.A"	.	6	.	.	.	1
HETEROSPIO LONGISSIMA?	.	3	.	.	.	<1
HYBOSCOLEX LONGISETA?	.	3	3	.	.	1
INERMONEPHTYS SP.A	23	.	.	.	.	5
LAONICE CIRRATA	.	.	.	6	.	1
LEANIRA HYSTRICUS	.	3	.	.	.	<1
LEITOSCOLOPLOS FRAGILIS	.	18	3	.	.	4
LITOCORSA "SP.A"	.	123	.	.	.	25
LUGIA RARICA	.	.	6	6	.	2

Table C-4 (Con't)

Taxa	Cruise I Stations C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
POLYCHAETA (con't)						
LUMBRINERIDAE	.	3	.	.	.	<1
LUMBRINERIDES ACUTA?	6	3	.	3	.	2
LUMBRINERIDES DAYI	.	.	.	6	26	6
LUMBRINERIDES SP.A	.	6	3	3	.	2
LUMBRINERIS SP.	.	.	.	.	6	1
LUMBRINERIS SP.A	3	.	9	.	.	2
LUMBRINERIS TETRAURA	6	3	.	.	.	2
LUMBRINERIS VERRILLI	.	12	.	.	3	3
MAGELONA LONGICORNIS	3	.	.	.	.	<1
MAGELONIDAE	.	.	.	3	.	<1
MALDANE "SP.A"	.	.	6	316	.	64
MALDANE GLEBIFEX	.	6	18	.	.	5
MALDANE SP.B	.	.	3	.	.	<1
MALDANIDAE	15	12	64	.	3	19
MALDANIDAE GENUS A	9	.	.	.	.	2
MALDANIDAE GENUS B	.	.	3	.	.	<1
MEDIOMASTUS CALIFORNIENSIS	12	.	.	.	.	2
MELINNA CRISTATA	.	3	.	.	.	<1
MOOREONUPHIS PALLIDULA	.	.	3	.	.	<1
MYRIOCHELE HEERI?	3	.	6	3	3	3
MYRIOWENIA SP.A	.	6	21	12	.	8
NEOMEDIOMASTUS SP.A	9	6	6	.	.	4
NEPHTYIDAE	12	.	3	.	.	3
NEPHTYS INCISA	29	.	.	.	.	6
NEREIDAE	3	.	.	3	.	1
NEREIMYRA SP.A	.	.	3	.	.	<1
NOTHRIA GEOPHILIFORMIS?	.	.	3	.	.	<1
NOTHRIA SP.A	35	12	.	.	.	9
NOTHRIA SP.B	.	3	.	.	.	<1
NOTOMASTUS AMERICANUS	.	6	64	9	.	16
NOTOMASTUS LATERICEUS	.	3	.	.	.	<1
ONUPHIDAE	.	.	.	3	.	<1
ONUPHIS "SP.A"	.	.	.	3	.	<1
OPHELIIDAE	.	.	.	3	.	<1
OPHELINA SP.	.	.	.	6	6	2
OPHELINA SP.A	56	21	9	15	.	20
OPHELINA SP.B	.	6	3	.	3	2
OPHELINA SP.C	.	3	.	.	3	1
OPHELINA SP.D	.	6	3	.	.	2
OPHELINA SP.E	.	.	3	3	.	1
OPHELINA SP.F	.	.	.	9	6	3
ORBINIIDAE	.	.	9	.	.	2
PARADONEIS LYRA	9	.	6	.	.	3
PARALACYDONIA PARADOXA	3	53	6	.	.	12
PARALEIOCAPITELLA MOSSAMBICA	9	.	.	.	.	2
PARAMPHINOME PULCHELLA	73	18	32	3	9	27
PARANDALIA SP.A	.	.	3	.	.	<1
PARAONIDAE	6	.	9	3	.	4
PARAONIS CORNATUS	.	3	.	.	53	11

Table C-4 (Con't)

Taxa	Cruise I Stations					Overall Density (Transect)
	C 1	C 2	C 3	C 4	C 5	
POLYCHAETA (con't)						
PARAONIS GRACILIS	9	29	6	12	12	13
PARONUPHIS ABYSSORUM?	.	3	.	.	.	<1
PARONUPHIS SP.A	9	.	.	.	.	2
PHERUSA SP.	.	9	3	.	.	2
PHOLOE MINUTA?	3	12	21	.	.	7
PHYLLODOCE CASTANEA?	.	.	.	3	.	<1
PHYLLODOCIDAE	.	3	3	6	.	2
PHYLLODOCIDAE GENUS A	.	.	6	.	.	1
PHYLO NUDUS	.	3	.	3	.	1
PILARGIDAE	3	.	.	.	.	<1
PIONOSYLLIS "SP.B"	.	.	3	.	.	<1
PIONOSYLLIS SP.	.	41	.	.	.	8
PIROMIS SP.A	.	.	3	3	.	1
POECILOCHAETUS SP.A	3	.	.	.	.	<1
POECILOCHAETUS SP.B	.	.	6	3	.	2
POLYCHAETA	12	.	.	.	.	2
POLYNOIDAE "GENUS A"	.	.	.	3	.	<1
POTAMILLA RENIFORMIS?	.	3	.	.	.	<1
PRIONOSPIO (MINOSPIO) "SP.A"	.	.	.	3	.	<1
PRIONOSPIO CIRRIFERA	91	176	103	38	26	87
PRIONOSPIO CIRROBRANCHIATA	.	21	.	.	.	4
PRIONOSPIO EHLERSI	158	82	26	3	.	54
PRIONOSPIO SP.	15	.	.	21	6	8
PRIONOSPIO SP.A	6	.	.	.	.	1
PRIONOSPIO SP.B	3	.	.	.	.	<1
PRIONOSPIO SP.C	3	.	.	.	.	<1
PRIONOSPIO SP.D	.	9	.	.	.	2
PRIONOSPIO STEENSTRUPI	.	3	.	.	.	<1
PROGONIADA REGULARIS	.	.	3	.	.	<1
PROTOMYSTIDES BIDENTATA	.	3	.	.	.	<1
PSEUDOMALACOCEROS SP.A	.	.	3	.	.	<1
PSUEDOMALACOCEROS SP.B	.	.	6	.	.	1
RHODINE SP.A	.	.	.	.	6	1
?SABELLIDES SP.A	.	.	3	3	.	1
SARSONUPHIS HARTMANAE	3	21	3	9	.	7
SCHISTOMERINGOS RUDOLPHI	6	.	.	.	.	1
SCOLOLEPIS TEXANA	.	3	.	.	.	<1
SCOLOPLOS SP.	.	.	.	.	26	5
SCOLOPLOS SP.A	.	3	.	.	.	<1
SIGALIONIDAE	.	6	6	.	.	2
SIGAMBRA BASSI	.	.	.	.	3	<1
SIGAMBRA TENTACULATA	15	.	9	.	3	5
SPHAEREPHESIA SP.A	.	.	.	9	.	2
SPHAEROSYLLIS HYSTRIX	.	.	3	6	.	2
SPHAEROSYLLIS PIRIFEROPSIS	.	3	6	18	.	5
SPHAEROSYLLIS SP.A	3	.	.	.	.	<1
SPIOCHAETOPTERUS COSTARUM	.	3	.	3	9	3
SPIONIDAE	47	3	18	26	3	19
SPIONIDAE GENUS A	3	.	.	.	.	<1

Table C-4 (Con't)

Taxa	Cruise I Stations C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
POLYCHAETA (con't)						
SPIOPHANES BERKELEYORUM	3	50	15	23	6	19
SPIOPHANES BOMBYX	3	6	18	12	.	8
SPIOPHANES SP.A	12	3	.	.	.	3
SPIOPHANES SP.B	9	.	.	.	.	2
SPIOPHANES WIGLEYI	6	9	12	.	3	6
STHENELAIS SP.A	.	.	12	3	9	5
STHENOLEPIS SP.A	.	9	3	.	.	2
STREBLOSOMA SP.A	9	.	.	.	.	2
STREBLOSOMA SP.B	3	.	.	.	.	<1
SYLLIDAE	3	18	18	9	.	9
SYLLIDAE GENUS B	.	.	3	.	.	<1
SYLLIDAE GENUS C	.	.	3	.	.	<1
SYLLIS (EHLERSIA) CORNUTA	.	6	.	.	.	1
SYLLIS (EHLERSIA) FERRUGINA	.	.	.	9	.	2
SYNELMIS KLATTI	.	.	.	.	44	9
TACHYTRYPANE JEFFREYSII	.	29	3	9	.	8
TACHYTRYPANE SP.A	50	123	.	3	53	46
TACHYTRYPANE SP.B	.	.	.	.	6	1
TACHYTRYPANE SP.C	.	.	.	.	3	<1
TEREBELLIDAE	12	9	9	12	.	8
TEREBELLIDES STROEMI	6	82	103	18	.	42
THARYX ANNULOSUS?	.	.	.	6	.	1
THARYX MARIONI	44	62	53	41	18	43
THARYX SP.A	3	.	.	.	.	<1
THEROCHAETA SP.A	.	.	12	.	.	2
	1227	1511	1095	1075	633	1108
OLIGOCHAETA						
OLIGOCHAETA	9	.	3	.	12	5
	9	.	3	.	12	5
GASTROPODA						
ALVANIA XANTHIAS	.	.	3	.		<1
BENTHOMANGELIA SP.	3	.	.	.	.	<1
CHIMA SP.	6	.	.	.	.	1
CHRYSALLIDA SP.	3	.	.	.	.	<1
CIMA SP.	.	6	.	3	.	2
CORINNAETURRIS SP.	6	.	.	.	.	1
CRENILABIUM SP.	9	.	.	.	.	2
EULIMA SP.	.	3	.	.	.	<1
GASTROPODA	.	.	6	.	.	1
LISSOSPIRA SP.	.	.	3	.	.	<1
MANGELIINAE	3	.	.	.	.	<1
MELANELLA SP.	.	.	3	.	3	1
SKEINIDAE	.	.	6	.	.	1
TARANIS MALMI	3	.	.	.	.	<1
TORNUS EXQUISITUS	3	.	.	.	.	<1
	35	9	21	3	3	14

Table C-4 (Con't)

Taxa	Cruise I Stations					Overall Density (Transect)
	C 1	C 2	C 3	C 4	C 5	
BIVALVIA						
?ASTARTE SP.	3	.	.	.	.	<1
ASTARTE SP.A	.	.	3	3	.	1
BATHYARCA SP.A	.	.	.	12	.	2
BIVALVIA	12	15	6	29	6	13
CRENELLA SP.A	.	.	12	50	.	12
?CUSPIDARIA SP.	3	.	.	.	.	<1
CYCLOPECTEN SP.A	.	6	3	6	.	3
DACRYDIUM VITREUM	.	.	15	6	.	4
EULAMELLIBRANCH SP.	.	.	9	18	15	8
EULAMELLIBRANCH SP.A	.	.	.	.	9	2
EULAMELLIBRANCH SP.B	.	.	9	18	18	9
EULAMELLIBRANCH SP.C	.	.	.	.	3	<1
EULAMELLIBRANCH SP.E	6	.	.	.	.	1
EULAMELLIBRANCH SP.F	26	12	.	.	.	8
LIMA SP.	.	.	3	.	.	<1
?LUCINA SP.	29	.	.	.	.	6
MACRODON (BENTHARCA) ASPERULA	3	.	.	6	.	2
MALLETIA SP.A	.	.	.	.	38	8
MALLETIA SP.B	6	3	21	3	.	6
NUCULA SP.A	3	18	6	6	.	6
NUCULA SP.B	.	.	.	6	3	2
NUCULANIDAE	6	.	.	.	.	1
NUCULANIDAE (NUCULANA?) SP.D	6	.	.	.	.	1
NUCULANIDAE (TINDARIA?) SP.E	.	3	.	.	.	<1
NUCULANIDAE (TINDARIA?) SP.G	.	.	9	.	.	2
NUCULANIDAE SP.B	.	.	.	21	.	4
NUCULANIDAE SP.H	.	.	3	.	3	1
?PECTEN SP.	12	.	3	.	.	3
PRONUCULA SP.A	.	.	3	9	.	2
PROTOBRANCHIA	.	.	.	3	.	<1
TELLINA SP.A	21	18	.	.	.	8
TELLINA SP.B	.	.	3	.	.	<1
THYASIRA SP.A	.	.	.	.	47	9
?VESICOMYA SP.	3	18	73	18	.	22
YOLDIELLA SP.A	.	.	.	29	.	6
	138	91	179	240	141	158
SCAPHAPODA						
CADULUS SP.	.	.	.	6	6	2
DENTALIIDAE	3	3	3	6	.	3
DENTALIUM DIDYMUM	.	.	.	.	12	2
DENTALIUM PERLONGUM	.	.	.	.	3	<1
EPISIPHON SP.	.	3	6	3	3	3
HETEROSCHIZMOIDES CALLITHRIX	.	.	.	9	.	2
SCAPHOPODA	9	6	.	6	.	4
SIPHONODENTALIIDAE	.	3	15	9	.	5
	12	15	23	38	23	22

Table C-4 (Con't)

Taxa	Cruise I Stations					Overall Density (Transect)
	C 1	C 2	C 3	C 4	C 5	
OSTRACODA						
ANGULOROSTRUM SP.A	6	.	6	12	.	5
CYLINDROLEBERIDINAE	3	.	3	.	.	1
EUPHILOMEDES SP.A	.	138	.	.	.	28
HARBANSUS SP.A	.	.	26	.	.	5
HARBANSUS SP.B	18	.	.	.	.	4
PHILOMEDES SP.A	.	47	.	.	.	9
PODOCOPA	44	173	595	214	50	215
PSEUDOPHILOMEDES SP.A	.	3	.	.	.	<1
SCLERANER SP.A	.	15	.	.	.	3
SPINACOPIA SP.A	.	.	.	6	.	1
	70	375	630	231	50	271
CUMACEA						
CAMPYLASPIS ALBA	.	.	3	.	.	<1
CAMPYLASPIS BICARINATA	6	.	.	.	.	1
CAMPYLASPIS COGNATA	6	.	3	3	.	2
CAMPYLASPIS SP.	.	.	.	3	.	<1
CAMPYLASPIS SPINOSA	.	.	.	12	.	2
CUMELLA ACULEATA	.	.	.	3	.	<1
CUMELLA ACUMINATA	.	.	3	3	.	1
CUMELLA ANTIPAI	.	6	.	.	.	1
CUMELLA BISHOPI	.	.	.	6	.	1
CUMELLA DAYAE	6	.	.	.	.	1
CUMELLA ERECTA	.	3	.	.	.	<1
CUMELLA SP.	3	3	.	.	.	1
CUMELLOPSIS BICOSTATA	.	3	.	.	.	<1
EPILEUCON TENUIROSTRIS?	3	.	3	3	.	2
EUDORELLA HISPIDA	.	3	.	.	.	<1
EUDORELLA N. SP.C	6	.	.	.	.	1
LEPTOSTYLUS MACRURA	12	.	.	.	.	2
LEUCON MACRORHINUS?	3	.	.	.	.	<1
LEUCON N. SP. (CF. MACRORHINUS)	3	.	.	.	.	<1
LEUCON SP.	3	3	3	6	.	3
LEUCON TENER	.	.	.	6	.	1
MACROKYLINDRUS N. SP. CF. LOMAKINAE	3	.	.	.	.	<1
MESOLAMPROPS N. SP.B	.	.	.	.	3	<1
PETALOSARSIA LONGIROSTRIS	.	.	3	3	.	1
PROCAMPYLASPUS ACANTHOMMA	18	3	.	.	.	4
PROCAMPYLASPUS SP.	6	.	.	.	.	1
VEMAKYLINDRUS N.SP. (CF. COSTARICANUS	3	.	.	.	.	<1
	79	23	18	47	3	34

Table C-4 (Con't)

Taxa	Cruise I Stations					Overall Density (Transect)
	C 1	C 2	C 3	C 4	C 5	
TANAIDACEA						
AGATHOTANAIS SP.1	.	.	.	6	.	1
ANARTHRURIDAE SP.1	.	.	6	9	.	3
ANARTHRURIDAE SP.2	.	.	.	3	.	<1
APSEUDES SP.1	.	.	.	3	.	<1
APSEUDES SP.2	.	.	.	3	.	<1
APSEUDIDAE SP.1	.	56	.	.	.	11
LEPTOGNATHIA SP.	3	.	6	6	.	3
LEPTOGNATHIA SP.1	9	3	.	.	.	2
LEPTOGNATHIA SP.10	.	.	.	.	3	<1
LEPTOGNATHIA SP.11	.	3	.	.	.	<1
LEPTOGNATHIA SP.14	.	.	3	3	.	1
LEPTOGNATHIA SP.15	6	.	35	23	.	13
LEPTOGNATHIA SP.17	.	.	3	6	.	2
LEPTOGNATHIA SP.2	18	.	3	.	.	4
LEPTOGNATHIA SP.20	.	.	.	3	.	<1
LEPTOGNATHIA SP.22	.	3	.	.	.	<1
LEPTOGNATHIA SP.23	.	.	.	12	.	2
LEPTOGNATHIA SP.24	.	.	.	3	.	<1
LEPTOGNATHIA SP.26	.	.	.	3	.	<1
LEPTOGNATHIA SP.27	.	.	.	.	6	1
LEPTOGNATHIA SP.29	.	.	.	.	9	2
LEPTOGNATHIA SP.3	12	6	.	.	.	4
LEPTOGNATHIA SP.32	3	.	.	.	.	<1
LEPTOGNATHIA SP.33	.	.	.	3	.	<1
LEPTOGNATHIA SP.34	.	3	6	.	.	2
LEPTOGNATHIA SP.37	.	.	3	.	.	<1
LEPTOGNATHIA SP.38	.	.	9	.	.	2
LEPTOGNATHIA SP.4	3	3	.	.	.	1
LEPTOGNATHIA SP.41	.	3	6	.	.	2
LEPTOGNATHIA SP.43	.	.	.	3	.	<1
LEPTOGNATHIA SP.5	.	9	.	.	.	2
LEPTOGNATHIA SP.51	.	15	3	9	.	5
LEPTOGNATHIA SP.52	.	.	3	.	.	<1
LEPTOGNATHIA SP.6	.	6	3	.	.	2
LEPTOGNATHIA SP.65	.	.	3	.	.	<1
LEPTOGNATHIA SP.7	.	6	.	.	.	1
LEPTOGNATHIA SP.8	.	35	.	3	.	8
LEPTOGNATHIA SP.I MALE	3	.	.	.	.	<1
LEPTOGNATHIIDAE	.	3	.	.	.	<1
NEOTANAIS SP.1	.	32	.	3	.	7
PARANARTHRURA INSIGNIS?	3	6	3	.	.	2
PARANARTHRURA SP.1	.	12	3	.	.	3
PARANARTHRURA SP.2	.	.	.	3	.	<1
PARANARTHRURA SP.3	.	.	.	6	.	1
PARATANAIDAE SP.1	.	29	9	3	.	8
PSEUDOTANAIDAE	.	3	3	.	.	1
PSEUDOTANAIDAE GENUS A (N.SP,N.GEN)	.	.	3	.	.	<1

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Table C-4 (Con't)

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
TANAIDACEA (con't)						
PSEUDOTANAIS SP.	.	.	.	3	.	<1
PSEUDOTANAIS SP.1	18	35	.	32	.	17
PSEUDOTANAIS SP.2	.	.	6	3	3	2
PSEUDOTANAIS SP.3	.	.	.	.	3	<1
STROGYLURA SP.2	.	.	6	12	.	4
TANAELLA SP.1	.	6	3	.	.	2
TANAELLA SP.2	.	3	.	6	.	2
TANAIDACEA	.	3	9	.	.	2
TYPHLOTANAIS SP.1	.	6	.	.	.	1
TYPHLOTANAIS SP.2	12	3	.	.	.	3
TYPHLOTANAIS SP.3	18	.	.	.	.	4
TYPHLOTANAIS SP.4	.	.	9	.	.	2
TYPHLOTANAIS SP.5	.	.	6	.	.	1
TYPHLOTANAIS SP.6	.	.	.	9	.	2
TYPHLOTANAIS SP.7	.	.	.	15	.	3
TYPHLOTANAIS SP.8	.	.	.	.	6	1
	105	290	149	193	29	153
ISOPODA						
ACANTHOCOPE SP.231	.	.	3	6	.	2
BELONECTES SP.220	.	3	.	.	.	<1
CHELATOR SP.212	6	.	.	.	.	1
CHELATOR SP.237	.	.	6	9	.	3
CHELATOR SP.251	.	.	.	6	.	1
CONILERA SP.214	50	.	.	.	.	10
CRYPTONISCIDAE SP.257	.	.	.	3	.	<1
DENDROMUNNA SP.249	.	.	.	3	.	<1
DENDROTION SP.246	.	.	.	3	.	<1
DESMOSOMA SP.248	.	.	.	6	.	1
DESMOSOMA SP.260	.	3	.	.	.	<1
DESMOSOMATIDAE	.	9	.	.	.	2
EUGERDA SP.215	.	12	6	9	.	5
EUGERDA SP.236	.	.	6	6	.	2
EUGERDELLA SP.229	.	.	3	.	.	<1
EUGERDELLA SP.241	.	.	.	3	.	<1
EURYCOPIDAE NEW GENUS G	.	.	3	.	.	<1
EURYCOPIDAE NEW GENUS H	.	.	.	15	.	3
EURYCOPIDAE NEW GENUS Y	3	.	.	.	.	<1
EXILINISCUS SP.232	.	.	3	.	.	<1
EXILINISCUS SP.255	.	.	.	.	9	2
GNATHIA SP.201	407	.	.	.	.	81
GNATHIA SP.210	6	.	.	.	.	1
GNATHIA SP.211	15	.	.	.	.	3
GNATHIA SP.226	.	.	6	.	.	1
HAPLOMESUS SP.207	.	15	.	.	.	3
HAPLOMESUS SP.239	.	.	.	6	.	1
HAPLONISCUS SP.234	.	.	6	.	.	1
ILYARACHNA SP.218	.	3	3	6	.	2

Table C-4 (Con't)

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
ISOPODA (con't)						
ISCHNOMESUS SP.208	.	15	.	.	.	3
ISCHNOMESUS SP.222	.	12	3	.	.	3
ISCHNOMESUS SP.227	.	.	6	3	.	2
ISCHNOMESUS SP.247	.	.	.	6	.	1
ISOPODA	.	18	6	.	.	5
KATIANIRA SP.244	.	.	.	3	.	<1
LEPTANTHURA SP.219	.	18	3	3	.	5
MACROSTYLUS SP.223	.	3	26	3	.	6
MACROSTYLUS SP.256	.	.	.	.	21	4
MIRABILICOXA SP.253	.	.	.	3	.	<1
MIRABILICOXA SP.254	.	.	3	.	3	1
MIRABILICOXA SP.261	.	.	3	3	.	1
NANNONISCIDAE N. GEN. X SP.213	3	.	.	.	.	<1
NANNONISCOIDES SP.229	.	.	3	.	.	<1
NANNONISCOIDES SP.250	.	.	.	3	.	<1
NANNONISCONUS SP.240	.	.	.	3	.	<1
NANNONISCUS SP.233	.	.	9	3	.	2
NANNONISCUS SP.242	.	.	.	6	3	2
NOTOXENOIDES SP.206	.	9	.	.	.	2
PANETELA SP.224	.	.	3	.	3	1
PROCHELATOR SP.202	82	.	.	.	.	16
PROCHELATOR SP.209	.	56	6	9	9	16
PROCHELATOR SP.228	.	.	9	.	.	2
PROCHELATOR SP.235	.	.	3	.	9	2
PROCHELATOR SP.238	.	.	9	.	.	2
REGABELLATOR SP.221	.	3	.	.	.	<1
THAMBEMA SP.243	.	.	.	9	.	2
TORWOLIA SP.203	9	.	.	.	.	2
WHOIA SP.216	.	6	3	.	.	2
WHOIA SP.225	.	.	23	12	9	9
WHOIA SP.264	.	3	.	.	.	<1
	580	185	161	146	64	227
AMPHIPODA						
ACANTHONOTOZOMATIDAE N.SP.1	.	.	3	.	.	<1
AMPELISCA PACIFICA?	15	.	.	.	.	3
AMPELISCIDAE	6	3	.	6	.	3
AMPHIPODA	26	6	12	12	.	11
BATHYMEDON N.GEN.	9	.	.	.	.	2
BYBLIS N.SP.1	12	.	.	.	.	2
BYBLIS SP.2	.	3	.	.	.	<1
CAPRELLIDAE	3	.	.	.	.	<1
CARANGOLIA N.SP.1	.	.	3	3	.	1
COROPHIIDAE	.	.	3	.	.	<1
COROPHIIDAE SP.1	3	.	.	.	.	<1
COROPHIOIDEA N.SP.1	.	.	.	6	.	1
GAMMAROPSIS SP. 1	.	.	9	.	.	2
HARPINIINAE SP.2	.	3	.	.	.	<1

Table C-4 (Con't)

Taxa	Cruise I Stations					Overall Density (Transect)
	C 1	C 2	C 3	C 4	C 5	
AMPHIPODA (con't)						
HAUSTORIIDAE	.	3	.	.	.	<1
JEDDO N.SP.1	.	.	.	6	.	1
LEPECHINELLIDAE	3	.	.	.	.	<1
LEPTOPHOXUS	3	.	3	.	.	1
LEPTOPHOXUS N.SP.A	6	.	3	.	.	2
LYSIANASSIDAE	.	.	.	.	3	<1
LYSIANASSIDAE N.SP.1	18	3	3	.	.	5
LYSIANASSIDAE SP.2	.	6	.	.	.	1
MAYERELLA REDUNCA	29	.	.	.	.	6
MELITA SP.1	6	.	6	.	.	2
MELITA SP.2	.	.	6	.	.	1
MELITA SP.3	6	.	.	.	.	1
MELITA SP.4	.	.	3	.	.	<1
MELITIDAE	6	3	.	.	.	2
METAPHOXUS A	3	.	.	.	.	<1
METAPHOXUS N.SP.	.	9	12	3	.	5
OEDICEROPSIS	6	.	3	.	.	2
PARAMETOPELLA N.SP.1	9	.	.	.	.	2
PARDISYNOPIA N.SP.1	.	15	6	6	.	5
PHOXOCEPHALIIDAE	18	18	9	9	6	12
PHOXOCEPHALUS SP.1	3	23	.	3	.	6
STENOTHOIDAE	3	.	.	.	.	<1
SYNOPIIDAE N.GEN.1	.	.	3	.	.	<1
SYNOPIIDAE SP.2	.	3	.	.	.	<1
	190	97	85	53	9	87
DECAPODA						
AXIUS SP.	.	3	.	.	.	<1
BATHYPLAX TYPHLA	.	3	.	.	.	<1
	.	6	.	.	.	1
SIPUNCULA						
ASPIDOSIPHON SP.A (CF. MUELLERI)	3	.	.	.	.	<1
ASPIDOSIPHON SP.B	3	.	.	.	.	<1
ASPIDOSIPHON SP.C	3	.	.	.	.	<1
GOLFINGIA SP.	.	3	.	.	.	<1
GOLFINGIA SP.A	3	.	.	.	.	<1
GOLFINGIA SP.B	.	.	.	9	.	2
GOLFINGIA SP.C	.	.	3	.	.	<1
GOLFINGIA SP.D	.	.	.	3	.	<1
GOLFINGIIDAE	.	.	6	3	.	2
ONCHNESOMA SP.A	3	.	.	.	.	<1
PHASCOLION SP.A	3	3	.	.	.	1
PHASCOLION SP.B	.	.	3	.	.	<1
SIPHONOSOMA SP.	.	.	3	.	.	<1
SIPUNCULA	.	.	6	3	.	2
	18	6	21	18	.	12

Table C-4 (Con't)

Taxa	Cruise I Stations					Overall Density (Transect)
	C 1	C 2	C 3	C 4	C 5	
BRYOZOA						
BIFAXARIIDAE SP.F (N. GEN. N. SP.)	.	.	.	15	.	3
CHEILOSTOMATA SP. A (N.SP.)	.	6	6	12	.	5
CHEILOSTOMATA SP. B (N.G., N.SP.)	.	.	3	.	.	<1
CHEILOSTOMATA SP. C (N.G., N.SP.)	.	.	3	6	.	2
CHEILOSTOMATA SP. D (N.SP.)	.	.	3	.	.	<1
CHEILOSTOMATA SP. E (N.GEN.)	.	.	.	9	.	2
EUGINOMA CAVALIERI	3	6	.	12	3	5
MEMBRANIPORA SP.	.	.	.	6	.	1
PSEUDALCYONIDIUM BOBINAE	.	.	.	3	.	<1
SCRUPOCELLARIA SPP.	.	.	.	3	.	<1
SPHAERULOBRYOZOON SP.	.	.	6	.	.	1
	3	12	21	64	3	21
BRACHIOPODA						
CRYPTOPORA RECTIMARGINATA	.	9	.	.	.	2
	.	9	.	.	.	2
OPHIUROIDEA						
AMPHILEPIS SP.	.	.	.	.	21	4
AMPHIURA SEMIERMIS	3	.	.	.	.	<1
OPHIACANTHIDAE JUVENILE SP.J	.	3	.	.	.	<1
OPHIACANTHIDAE JUVENILE SP.K	.	.	3	3	.	1
OPHIERNUS SP.	.	3	.	.	.	<1
OPHIOSTRIATUS SP.	.	3	.	.	.	<1
OPHIOTHOLIA SP.	.	.	21	12	.	6
OPHIUROIDEA JUVENILE SP.A	.	.	6	9	.	3
OPHIUROIDEA JUVENILE SP.B	12	.	.	3	.	3
OPHIUROIDEA JUVENILE SP.C	3	3	3	.	.	2
OPHIUROIDEA JUVENILE SP.D	.	.	.	9	3	2
OPHIUROIDEA JUVENILE SP.E	.	.	.	6	.	1
OPHIUROIDEA JUVENILE SP.F	.	.	.	3	.	<1
OPHIUROIDEA JUVENILE SP.G	3	.	.	.	.	<1
OPHIUROIDEA JUVENILE SP.H	.	.	.	.	3	<1
OPHIUROIDEA JUVENILE SP.I	3	.	.	.	.	<1
	23	12	32	44	26	28
ECHINOIDEA						
HEMIASTER EXPERGITUS	3	.	3	3	12	4
SCHIZASTER ORBIGNYANUS	.	.	.	.	3	<1
	3	.	3	3	15	5

Table C-4 (Con't)

Taxa	Cruise I Stations					Overall Density (Transect)
	C 1	C 2	C 3	C 4	C 5	
ASCIDIACEA						
DICARPA SIMPLEX	.	.	9	29	.	8
PYURIDAE	.	.	.	3	.	<1
	.	.	9	32	.	8

Table C-4 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Overall Density (Transect)
PORIFERA						
?HYMEDESMIIDAE	.	.	.	.	14	3
?SUBERITIDAE SP.A	.	.	.	7	.	1
?SUBERITIDAE SP.B	.	.	7	.	.	1
TETHYA SP.A	.	7	.	.	.	1
THENEA SP.B	.	.	.	.	14	3
THENEA SP.C	.	.	.	.	56	11
	.	7	7	7	84	21
POLYCHAETA						
ACROCIRRIDAE	.	.	63	.	21	17
AEDICIRA SP.	.	42	21	42	63	34
AGLAOPHAMUS CIRCINATA	.	.	.	.	21	4
AMPHARETIDAE	42	.	84	.	.	25
AMPHINOMIDAE	42	.	.	.	.	8
ARICIDEA SUECICA	21	84	21	63	.	38
ARICIDEA TRILOBATA?	.	.	21	21	.	8
CAPITELLIDAE GENUS A	.	42	.	.	.	8
CAPITELLIDAE GENUS E	21	.	.	.	.	4
CAPITELLIDAE GENUS F	.	21	.	.	21	8
CERATOCEPHALE LOVENI	.	.	.	.	21	4
CHONE SP.A	42	63	.	.	.	21
CHONE SP.B	.	.	.	42	.	8
CIRROPHORUS LYRA	.	42	21	.	21	17
DECAMASTUS SP.A	.	.	.	.	21	4
DIPLOCIRRUS "SP.A"	42	.	42	.	.	17
DORVILLEIDAE	.	21	.	.	.	4
EUCHONE CAPENSIS?	.	.	.	42	.	8
EUCHONE INCOLOR?	21	.	.	.	.	4
EUPOLYMNIA SP.A	.	42	.	.	.	8
EUSYLLIS LAMELLIGERA	.	21	.	.	.	4
EXOGONE "SP.A"	21	63	.	.	.	17
EXOGONE ATLANTICA	.	.	.	21	.	4
EXOGONE SP.B	21	.	.	.	42	13
FAUVELIOPSIS SP.B	63	21	42	.	21	29
GLYCERIDAE	.	.	.	21	.	4
HETEROMASTUS SP.A	.	.	21	.	.	4
LAONICE CIRRATA	.	21	.	.	.	4
LEITOSCOLOPLOS FRAGILIS	.	21	.	.	.	4
LITOCORSA "SP.A"	1053	463	.	.	.	303
LUGIA RARICA	.	.	.	21	.	4
LUMBRINERIDES DAYI	21	42	21	21	21	25
LUMBRINERIS COCCINEA	21	.	.	.	.	4
LUMBRINERIS LATREILLI	.	42	.	.	.	8

Table C-4 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Overall Density (Transect)
POLYCHAETA (con't)						
LUMBRINERIS VERRILLI	21	.	.	.	.	4
MAGELONA FILIFORMIS	21	.	.	.	.	4
MALDANE GLEBIFEX	21	.	.	.	.	4
MALDANIDAE	105	84	63	21	.	55
MICRORBINIA SP.A	.	.	42	.	.	8
MICROSPIO SP.A	.	21	.	.	.	4
MYRIOCHELE HEERI?	.	.	.	21	.	4
MYRIOWENIA SP.A	126	.	.	.	.	25
NEOMEDIOMASTUS SP.A	.	21	.	.	.	4
NEPHTYIDAE	.	.	.	21	.	4
NOTOMASTUS LATERICEUS	21	.	21	.	21	13
ONUPHIS EREMITA	.	.	42	.	.	8
OPHELINA SP.D	.	21	.	.	.	4
OPHELINA SP.F	.	21	42	.	.	13
OPHELINA SP.G	.	21	.	.	.	4
PARAHETEROMASTIDES SP.A	.	.	.	21	.	4
PARAMPHINOME PULCHELLA	.	.	.	42	.	8
PARAONIS GRACILIS	.	21	.	21	.	8
PARONUPHIS ABYSSORUM?	.	.	21	.	.	4
PHOLOE "SP.C"	.	42	.	.	.	8
PHOLOE MINUTA?	.	.	21	.	.	4
PHYLLODOCE CASTANEA?	.	21	.	.	.	4
PIONOSYLLIS "SP.B"	42	42	.	.	.	17
POECILOCHAETUS SP.B	.	.	21	.	.	4
PRIONOSPIO CIRRIFERA	716	211	42	42	21	206
PRIONOSPIO EHLERSI	.	21	.	.	.	4
PRIONOSPIO SP.A	.	21	.	.	.	4
SARSONUPHIS HARTMANAE	126	42	.	21	.	38
SIGAMBRA TENTACULATA	.	.	.	.	42	8
SPIONIDAE	.	.	63	21	.	17
SPIOPHANES BERKELEYORUM	42	.	.	21	.	13
SPIOPHANES BOMBYX	.	.	21	.	.	4
SPIOPHANES WIGLEYI	.	21	.	.	.	4
STERNASPIS SCUTATA	42	.	.	.	.	8
STHENELAIS SP.A	.	21	.	.	21	8
SYLLIDAE	.	.	.	.	21	4
SYLLIS (EHLERSIA) SP.A	63	21	.	.	.	17
SYNELMIS KLATTI	.	21	.	.	.	4
TACHYTRYPANE SP.A	.	.	42	.	21	13
TEREBELLIDAE	.	21	63	42	.	25
TEREBELLIDES STROEMI	42	21	.	21	21	21
THARYX MARIONI	42	63	42	126	42	63
TRAVISIA SP.A	.	.	21	.	.	4
TROCHOCHAETA SP.A	42	.	21	.	.	13
	2905	1853	947	737	484	1385

Table C-4 (Con't)

Taxa	Cruise II Stations					Overall Density (Transect)
	W 1	W 2	W 3	W 4	W 5	
OLIGOCHAETA						
OLIGOCHAETA	.	7	.	.	.	1
	.	7		.	.	1
GASTROPODA						
BENTHONELLA FISCHERI	.	.	7	.	.	1
GASTROPODA	.	7	14	.	.	4
PHILENE SP.	.	.	.	.	7	1
	.	7	21	.	7	7
BIVALVIA						
ASTARTE SP.A	.	.	14	7	.	4
BIVALVIA	70	56	35	14	14	38
CRENELLA SP.A	.	.	7	14	.	4
?CUSPIDARIA SP.	21	7	7	21	14	14
DACRYDIUM VITREUM	.	.	.	7	.	1
EULAMELLIBRANCH SP.	.	14	.	.	14	6
EULAMELLIBRANCH SP.B	.	.	7	14	7	6
EULAMELLIBRANCH SP.D	7	.	.	.	.	1
EULAMELLIBRANCH SP.F	14	.	.	.	.	3
LIMA SP.	.	.	.	14	.	3
LIMOPSIS SP.	7	7	56	7	.	15
?LUCINA SP.	84	.	7	.	.	18
MACRODON (BENTHARCA) ASPERULA	.	.	.	7	.	1
NUCULA SP.A	.	7	28	.	.	7
NUCULA SP.B	.	.	7	7	.	3
NUCULANIDAE (TINDARIA?) SP.E	7	7	.	.	.	3
NUCULANIDAE (TINDARIA?) SP.G	.	.	7	.	.	1
NUCULANIDAE SP.B	.	.	.	21	28	10
NUCULANIDAE SP.F	.	.	.	7	.	1
NUCULANIDAE SP.H	.	.	7	7	.	3
?PECTEN SP.	.	7	.	.	.	1
TELLINA SP.A	7	.	.	.	.	1
TELLINA SP.B	.	.	.	14	7	4
?VESICOMYA SP.	.	7	7	21	.	7
	218	112	189	182	84	157
SCAPHAPODA						
DENTALIUM PERLONGUM	14	.	.	.	.	3
EPISIPHON SP.	.	.	.	.	7	1
SCAPHOPODA	.	.	14	7	.	4
SIPHONODENTALIIDAE	.	.	14	.	.	3
	14	.	28	7	7	11

Table C-4 (Con't)

	Cruise II Stations					
Taxa	W 1	W 2	W 3	W 4	W 5	Overall Density (Transect)
OSTRACODA						
ANGULOROSTRUM SP.A	7	21	14	7	.	10
CYLINDROLEBERIDINAE	.	14	7	7	.	6
EUPHILOMEDES SP.A	.	14	.	.	.	3
HARBANSUS SP.A	.	14	21	.	.	7
PHILOMEDES SP.A	.	21	.	.	.	4
PODOCOPA	7	119	126	63	126	88
	14	204	168	77	126	118
CUMACEA						
CAMPYLASPIS BICARINATA	.	7	.	.	.	1
CAMPYLASPIS N. SP. (CF. PLICATA)	.	7	7	.	.	3
CAMPYLASPIS SPINOSA	.	.	7	.	.	1
CUMELLA ACUMINATA	7	7	.	7	.	4
CUMELLA DECIPIENS	.	.	7	.	.	1
CYCLASPIS LONGICAUDATA	7	.	.	.	.	1
LEUCON SP.	7	.	.	.	.	1
LEUCON TURGIDULUS	.	.	.	.	7	1
PETALOSARSIA LONGIROSTRIS	.	.	14	.	.	3
PROCAMPYLASPUS OMMIDION	.	.	7	.	.	1
	21	21	42	7	7	20
TANAIDACEA						
ANARTHRURIDAE SP.1	.	.	.	.	7	1
APSEUDES SP.1	.	.	7	7	7	4
APSEUDES SP.2	35	.	.	.	.	7
APSEUDES SP.3	.	.	.	.	7	1
APSEUDES SP.4	.	.	7	.	.	1
APSEUDIDAE	.	.	7	.	.	1
APSEUDIDAE SP.1	14	14	.	.	.	6
LEPTOGNATHIA SP.	7	.	.	.	.	1
LEPTOGNATHIA SP.10	.	.	.	.	14	3
LEPTOGNATHIA SP.15	.	.	21	.	.	4
LEPTOGNATHIA SP.2	.	.	.	14	.	3
LEPTOGNATHIA SP.23	.	.	.	7	.	1
LEPTOGNATHIA SP.3	.	7	7	.	.	3
LEPTOGNATHIA SP.30	7	.	.	.	.	1
LEPTOGNATHIA SP.45	.	.	7	.	.	1
LEPTOGNATHIA SP.47	.	.	7	.	.	1
LEPTOGNATHIA SP.51	7	.	.	14	.	4
LEPTOGNATHIA SP.56	7	.	.	.	.	1
LEPTOGNATHIA SP.6	.	7	.	.	.	1
LEPTOGNATHIA SP.61	35	.	.	.	.	7
LEPTOGNATHIA SP.63	7	7	.	.	.	3
LEPTOGNATHIA SP.64	.	.	.	7	.	1
LEPTOGNATHIA SP.65	.	7	.	.	.	1

Table C-4 (Con't)

Taxa	W 1	W 2	W 3	W 4	W 5	Overall Density (Transect)
	Cruise II Stations					
TANAIDACEA (con't)						
LEPTOGNATHIA SP.66	.	7	.	.	.	1
LEPTOGNATHIA SP.67	.	.	7	.	.	1
LEPTOGNATHIA SP.71	.	.	.	.	14	3
LEPTOGNATHIA SP.G MALE	7	.	.	.	.	1
LEPTOGNATHIA SP.H MALE	.	.	.	7	.	1
NEOTANAIS SP.1	.	.	7	14	.	4
PARANARTHRURA INSIGNIS?	.	7	.	14	.	4
PARANARTHRURA SP.1	.	.	14	.	.	3
PARANARTHRURA SP.3	.	.	14	.	.	3
PARANARTHRURA SP.5	.	.	7	.	.	1
PARATANAIDAE SP.1	.	42	7	.	.	10
PARATANAIDAE SP.2	.	.	14	.	.	3
PSEUDOTANAIS SP.1	.	7	14	35	42	20
STROGYLURA SP.1	.	.	.	.	14	3
STROGYLURA SP.2	.	.	7	.	.	1
TANAELLA SP.1	.	7	7	.	.	3
TANAELLA SP.2	.	.	.	7	.	1
TYPHLOTANAIS SP.	.	7	.	.	7	3
TYPHLOTANAIS SP.1	.	7	.	7	.	3
TYPHLOTANAIS SP.10	.	.	7	.	.	1
TYPHLOTANAIS SP.11	.	.	14	.	.	3
TYPHLOTANAIS SP.15	.	.	7	.	.	1
TYPHLOTANAIS SP.17	.	.	.	7	.	1
TYPHLOTANAIS SP.5	.	7	.	.	.	1
TYPHLOTANAIS SP.6	.	7	.	.	.	1
TYPHLOTANAIS SP.9	.	7	.	.	.	1
	126	147	189	140	112	143
ISOPODA						
BALBIDOCOLON SP.267	.	.	.	14	.	3
CHELATOR SP.251	.	.	28	14	7	10
CHELATOR SP.284	.	7	7	7	.	4
DESMOSOMATIDAE	.	.	7	.	7	3
DISPARELLA SP.274	.	14	.	.	.	3
EUGERDA SP.236	.	.	.	7	.	1
EURYCOPE SP.283	.	.	.	14	.	3
EURYCOPIDAE	.	.	.	7	.	1
GNATHIA SP.211	7	7	.	.	.	3
GNATHIA SP.226	.	.	21	.	.	4
HAPLOMESUS SP.239	.	.	.	7	.	1
HAPLONISCUS SP.234	.	.	7	.	.	1
HAPLONISCUS SP.273	.	14	.	.	.	3
HETEROMESUS SP.288	.	.	.	7	.	1
ISCHNOMESUS SP.208	.	42	.	.	.	8
ISCHNOMESUS SP.222	.	7	.	.	.	1
ISCHNOMESUS SP.227	.	28	.	.	.	6
ISCHNOMESUS SP.275	.	.	.	7	.	1
LEPTANTHURA SP.205	.	14	.	.	.	3

Table C-4 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Overall Density (Transect)
ISOPODA (con't)						
LEPTANTHURA SP.219	.	.	7	.	.	1
LIPOMERA SP.280	.	7	14	.	.	4
MACROSTYLUS SP.256	.	.	.	14	7	4
MIRABILICOXA SP.254	.	.	.	7	.	1
NANNONISCUS SP.242	.	.	.	14	.	3
OCSANTHURA SP.266	.	.	.	7	.	1
PROCHELATOR SP.209	.	.	.	7	.	1
PROCHELATOR SP.228	.	7	.	.	.	1
PROCHELATOR SP.235	42	21	.	.	.	13
THAMBEMA SP.243	.	7	.	.	.	1
TORWOLIA SP.203	56	21	.	7	.	17
WHOIA SP.270	.	.	.	14	.	3
	105	196	91	154	21	114
AMPHIPODA						
AMPELISCA SP.	7	.	.	.	.	1
AMPELISCA SP.2	.	.	.	7	7	3
AMPHIPODA	.	21	7	.	.	6
BYBLIS N.SP.1	7	.	.	.	.	1
EUSIRIDAE N. GEN. 1	.	.	7	.	.	1
HARPINIINAE	.	.	.	7	.	1
MELITIDAE	7	.	.	.	.	1
METAPHOXUS N.SP.	.	21	7	.	.	6
PHOXOCEPHALIIDAE	.	14	7	.	.	4
PHOXOCEPHALUS SP.	.	.	7	.	.	1
SYNOPIIDAE SP.3	.	7	.	.	.	1
	21	63	35	14	7	28
DECAPODA						
BATHYPLAX TYPHLA	.	7	.	.	.	1
	.	7	.	.	.	1
SIPUNCULA						
ASPIDOSIPHON SP.D	7	.	.	.	.	1
GOLFINGIA SP.	14	7	.	7	.	6
GOLFINGIA SP.B	.	.	.	7	.	1
GOLFINGIA SP.E	14	14	.	.	.	6
GOLFINGIA SP.F	49	7	.	.	.	11
GOLFINGIA SP.G	35	14	.	.	.	10
ONCHNESOMA SP.B	.	7	.	.	.	1
ONCHNESOMA STEENSTRUPII	14	.	.	.	.	3
PHASCOLION SP.B	7	.	.	.	.	1
	140	49	.	14	.	41

Table C-4 (Con't)

	Cruise II Stations					
Taxa	W 1	W 2	W 3	W 4	W 5	Overall Density (Transect)
BRYOZOA						
CHEILOSTOMATA	.	.	21	.	.	4
CHEILOSTOMATA SP.2145	.	.	.	.	21	4
CHEILOSTOMATA SP.2164	.	.	.	.	7	1
CHEILOSTOMATA SP.2166	7	.	7	7	.	4
CHEILOSTOMATA SP.2169	21	.	.	.	.	4
CHEILOSTOMATA SP.2172	.	.	.	7	.	1
CHEILOSTOMATA SP.2198	7	.	.	.	.	1
CHEILOSTOMATA SP.2205	.	.	.	.	7	1
CHEILOSTOMATA SP.2243	.	.	.	.	7	1
CHEILOSTOMATA SP.2278	.	.	.	.	7	1
CLAVIPORIDAE	7	.	.	.	.	1
CTENOSTOMATA	7	.	.	.	.	1
CTENOSTOMATA SP.2162	.	7	.	.	.	1
EUGINOMA CAVALIERI	.	.	.	.	7	1
EUGINOMA N.SP.	.	.	.	.	14	3
METRARABDOTOMORPHA AENIGMATISTES	.	.	7	.	.	1
METRARABDOTOMORPHA SP.	.	.	21	.	.	4
NEOFLUSTRELLIDRA SCHOPFI	7	.	.	.	.	1
NOLELLA SP.	21	.	14	.	.	7
SCLERODOMUS SP.	.	.	.	.	7	1
SPHAERULOBRYOZOON SP.	7	.	.	.	.	1
	84	7	70	14	77	51
BRACHIOPODA						
CRYPTOPORA RECTIMARGINATA	.	.	.	7	.	1
	.	.	.	7	.	1
ECHINOIDEA						
ACESTE BELLIDIFERA	.	.	7	.	.	1
	.	.	7	.	.	1
HOLOTHUROIDEA						
MYRIOTROCHUS SP.	.	28	.	.	.	6
PROTANKYRA SP.	.	14	.	.	.	3
SYNAPTIDAE	.	.	14	.	.	3
	.	42	14	.	.	11

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Table C-4 (Con't)

	Cruise II Stations					
Taxa	W 1	W 2	W 3	W 4	W 5	Overall Density (Transect)
ASCIDIACEA						
ASCIDIACEA	.	.	.	.	7	1
DICARPA SIMPLEX	.	14	7	.	.	4
	.	14	7	.	7	6

Table C-4 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
PORIFERA						
PLAKINIDAE SP.A	.	.	4	.	.	<1
PLAKINIDAE SP.B	.	.	.	4	.	<1
PLAKINIDAE SP.C	.	.	.	7	.	1
TETHYA SP.A	.	.	.	7	.	1
	.	.	4	18	.	4
HYDROZOA						
AGLAOPHENIA LATECARINATA	7	.	.	.	.	1
CORYMORPHIDAE SP.1	4	.	7	.	.	2
EUCUSPIDELLA SP.	.	.	.	11	.	2
OBELIA DICHOTOMA	4	.	.	.	.	<1
STYLACTIS SP.	.	.	4	.	.	<1
TUBULARIIDAE	.	4	.	.	.	<1
	14	4	11	11	.	8
ACTINIARIA						
ACTINIARIA	.	.	.	7	.	1
ACTINIARIAN LARVAE	4	.	.	.	.	<1
	4	.	.	7	.	2
POLYCHAETA						
ACROCIRRIDAE	.	.	21	63	.	17
AEDICIRA SP.	21	168	63	126	105	97
AGLAOPHAMUS CIRCINATA	21	.	.	.	21	8
AGLAOPHAMUS VERRILLI	.	.	21	.	.	4
AMPHARETE "SP.A"	21	84	.	42	.	29
AMPHARETIDAE	21	63	21	.	.	21
AMPHARETIDAE GENUS A	.	.	.	21	.	4
AMPHARETIDAE GENUS C	42	.	.	.	.	8
AMPHARETIDAE GENUS D	.	42	.	.	.	3
AMPHICTEIS GUNNERI	21	.	.	.	.	4
ANCISTROSYLLIS "SP.A"	21	.	.	.	.	4
ARICIDEA (ACMIRA) SIMPLEX	84	.	.	.	.	17
ARICIDEA (ARICIDEA) FRAGILIS	21	.	.	.	.	4
ARICIDEA CERRUTI	21	.	.	.	.	4
ARICIDEA SUECICA	.	42	84	105	84	63
ARICIDEA TRILOBATA?	.	.	.	.	21	4
CALIFIA SP.B	21	.	.	.	.	4
CAPITELLA CAPITATA	.	.	.	21	.	4
CAPITELLIDAE GENUS A	.	.	.	.	84	17
CAPITELLIDAE GENUS G	21	.	.	21	.	8
CAPITELLIDAE GENUS N	.	21	.	.	.	4
CAPITELLIDAE GENUS O	.	.	.	21	21	8

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Table C-4 (Con't)

Taxa	Cruise II Stations C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
POLYCHAETA (con't)						
CAPITELLIDAE GENUS P	21	.	.	.	.	4
CAPITELLIDAE GENUS Q	.	42	21	.	.	13
CAPITELLIDAE GENUS R	.	21	.	.	.	4
CAPITELLIDAE GENUS S	.	21	.	.	.	4
CAPITELLIDAE GENUS T	.	.	21	.	.	4
CAPITELLIDAE GENUS U	.	.	.	.	21	4
CERATOCEPHALE OCULATA	21	.	21	21	.	13
CHAETOZONE "SP.C"	.	.	21	21	21	13
CHAETOZONE "SP.D"	.	21	.	.	.	4
CHONE SP.F	.	42	.	.	.	8
CIRRATULIDAE	.	21	.	.	.	4
CIRROPHORUS BRANCHIATUS	.	21	.	.	.	4
CIRROPHORUS LYRA	.	63	.	42	21	25
COSSURA DELTA	21	.	.	.	.	4
DIPLOCIRRUS "SP.A"	.	.	21	.	.	4
DIPLOCIRRUS? SP.B	42	.	.	.	.	8
DIPLOCIRRUS CAPENSIS	.	21	84	105	.	42
EHLERSILEANIRA INCISA	.	21	.	.	.	4
ETEONE SP.A	.	.	.	21	.	4
EUCHONE INCOLOR?	.	.	.	42	.	8
EULALIA SP.A	.	.	21	.	.	4
EXOGONE "SP.A"	.	126	63	126	63	76
EXOGONE LONGICIRRUS?	.	.	.	.	42	8
EXOGONE SP.B	.	126	.	21	.	29
EXOGONE SP.D	21	.	21	.	.	8
FAUVELIOPSIS SP.B	.	.	21	.	42	13
GLYCERA PAPILLOSA?	.	21	.	84	.	21
GLYCERIDAE	21	.	.	.	63	17
GONIADA SP.B	.	.	21	.	.	4
HESIONIDAE	.	84	21	.	.	21
HETEROMASTUS SP.A	42	.	.	21	.	13
HETEROSPIO LONGISSIMA?	.	42	.	.	.	8
KINBERGONUPHIS SP.A	21	.	.	.	.	4
KINBERGONUPHIS SP.B	.	.	21	.	.	4
LAONICE CIRRATA	21	42	84	21	.	34
LEANIRA HYSTRICUS	.	.	21	.	.	4
LEITOSCOLOPLOS SP.A	.	.	21	.	.	4
LITOCORSA "SP.A"	.	42	.	.	.	8
LUMBRINERIDES DAYI	.	.	.	.	42	8
LUMBRINERIS BREVIPES	.	21	.	.	.	4
LUMBRINERIS VERRILLI	84	63	.	21	.	34
MALDANE "SP.A"	42	.	.	126	.	34
MALDANE GLEBIFEX	.	21	42	.	.	13
MALDANIDAE	.	63	21	63	.	29
MEDIOMASTUS CALIFORNIENSIS	.	21	.	.	21	8
MYRIOWENIA SP.A	.	.	21	.	.	4
MYSTIDES BOREALIS	.	.	21	21	.	8
NEOMEDIOMASTUS SP.A	.	21	.	.	.	4
NOTOMASTUS AMERICANUS	.	21	.	.	.	4

Table C-4 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
POLYCHAETA (con't)						
OPHELINA SP.A	.	21	.	84	.	21
OPHELINA SP.F	.	42	.	.	.	8
OPHIOGLYCERA SP.	.	42	.	.	.	8
ORBINIIDAE	.	21	.	.	.	4
PARALACYDONIA PARADOXA	.	21	.	.	.	4
PARAMPHINOME PULCHELLA	.	42	42	42	42	34
PARAONIDAE	.	.	.	21	.	4
PARAONIS GRACILIS	105	21	21	21	21	38
PARAPIONOSYLLIS SP.B	42	.	.	.	.	8
PERESIELLA SP.A	21	.	.	.	.	4
PHOLOE MINUTA?	.	21	.	.	.	4
PHYLLODOCIDAE	.	.	.	21	.	4
PIONOSYLLIS SP.	.	84	.	.	.	17
PODARKE "SP.A"	21	21	.	.	.	8
PRIONOSPIO CIRRIFERA	.	400	105	42	.	109
PRIONOSPIO EHLERSI	379	126	21	.	.	105
PRIONOSPIO SP.	.	.	.	42	21	13
PROTOMYSTIDES BIDENTATA	.	.	.	.	21	4
SABELLIDAE	.	.	21	.	.	4
SARSONUPHIS HARTMANAE	21	63	21	21	.	25
SCHISTOMERINGOS RUDOLPHI	.	21	21	.	.	8
SCOLOPLOS RUBRA	.	.	21	.	.	4
SCOLOPLOS SP.A	.	21	.	.	.	4
SIGAMBRA TENTACULATA	42	.	.	.	.	8
SPHAEREPHESIA SP.A	.	21	.	.	.	4
SPHAEROSYLLIS PIRIFEROPSIS	.	.	.	21	.	4
SPIONIDAE	274	42	63	105	42	105
SPIOPHANES BERKELEYORUM	.	274	147	63	.	97
SPIOPHANES KROYERI	.	.	.	.	21	4
SPIOPHANES MISSIONENSIS	63	.	.	.	.	13
SPIOPHANES SP.A	42	.	.	.	.	8
STERNASPIS SCUTATA	.	.	.	21	21	8
STHENELAIS SP.A	.	.	.	.	21	4
SYLLIDAE	21	105	21	21	.	34
SYNELMIS KLATTI	21	.	21	.	.	8
TACHYTRYPANE JEFFREYSII	.	42	21	.	.	13
TACHYTRYPANE SP.A	84	295	21	.	42	88
TACHYTRYPANE SP.C	.	.	.	.	21	4
TEREBELLIDAE	.	.	.	.	21	4
TEREBELLIDES STROEMI	.	295	42	42	.	76
THARYX ANNULOSUS?	.	21	.	21	.	8
THARYX MARIONI	21	.	21	84	21	29
TRAVISIA SP.A	.	.	21	.	.	4
TROCHOCHAETA SP.A	21	.	.	.	.	4
	1874	3495	1474	1853	989	1937

Table C-4 (Con't)

Taxa	Cruise II Stations					Overall Density (Transect)
	C 1	C 2	C 3	C 4	C 5	
OLIGOCHAETA						
OLIGOCHAETA	.	.	.	4	4	1
	.	.	.	4	4	1
GASTROPODA						
CINGULA SP.	11	.	.	.	.	2
CORINNAETURRIS SP.	4	.	.	.	.	<1
GASTROPODA	25	7	42	35	14	25
SCAPHANDER WATSONI	.	4	.	.	.	<1
SKEINIDAE	4	.	4	.	.	1
	42	11	46	35	14	29
BIVALVIA						
?ASTARTE SP.	.	4	4	.	.	1
ASTARTE SP.A	.	.	14	4	.	4
BATHYARCA SP.A	.	.	.	14	.	3
BIVALVIA	14	25	39	42	18	27
CRENELLA SP.A	.	4	46	63	.	22
?CUSPIDARIA SP.	.	7	4	.	7	4
CYCLOPECTEN SP.A	.	.	.	4	.	<1
DACRYDIUM VITREUM	7	.	4	.	.	2
EULAMELLIBRANCH SP.	.	7	7	.	4	4
EULAMELLIBRANCH SP.A	.	.	.	4	.	<1
EULAMELLIBRANCH SP.B	.	.	7	32	18	11
EULAMELLIBRANCH SP.C	.	.	.	.	7	1
EULAMELLIBRANCH SP.F	18	21	.	.	.	8
LIMA SP.	.	.	.	14	.	3
LIMOPSIS SP.	.	.	7	7	.	3
?LUCINA SP.	91	14	.	.	.	21
MALLETIA SP.A	.	.	.	.	60	12
MALLETIA SP.B	28	11	60	.	.	20
NUCULA SP.A	4	4	4	18	.	6
NUCULA SP.B	.	.	.	4	.	<1
NUCULANIDAE	.	.	.	4	.	<1
NUCULANIDAE (NUCULANA?) SP.D	21	.	.	.	.	4
NUCULANIDAE (TINDARIA?) SP.E	.	7	.	.	.	1
NUCULANIDAE (TINDARIA?) SP.G	.	.	14	.	.	3
NUCULANIDAE SP.B	.	.	.	28	21	10
NUCULANIDAE SP.C	.	.	.	.	7	1
NUCULANIDAE SP.F	.	.	.	.	4	<1
NUCULANIDAE SP.H	.	.	7	.	.	1
?PECTEN SP.	4	.	.	.	.	<1
POLICORDIA SP.A	.	4	.	.	4	1
PRONUCULA SP.A	.	.	4	7	.	2
TELLINA SP.A	18	7	.	.	.	5
TELLINA SP.B	.	.	4	4	.	1

Table C-4 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
BIVALVIA (con't)						
THYASIRA SP.A	.	.	.	.	11	2
?VESICOMYA SP.	.	21	42	21	14	20
YOLDIELLA SP.A	.	.	.	102	18	24
	204	133	263	368	189	232
SCAPHAPODA						
DENTALIUM CALLITHRIX	.	.	.	7	.	1
EPISIPHON SP.	.	.	.	.	28	6
SCAPHOPODA	.	4	7	4	7	4
SIPHONODENTALIIDAE	.	.	.	4	.	<1
	.	4	7	14	35	12
OSTRACODA						
ANGULOROSTRUM SP.A	.	4	14	28	.	9
CYLINDROLEBERIDINAE	.	7	4	4	.	3
EUPHILOMEDES SP.A	.	158	4	.	.	32
HARBANSUS SP.A	.	14	39	.	.	11
PHILOMEDES SP.A	.	88	4	.	.	18
PODOCOPA	35	232	453	281	225	245
PSEUDOPHILOMEDES SP.A	.	4	.	.	.	<1
PTEROCYPRIDINA SEX	.	.	4	.	.	<1
SCLERANER SP.A	.	7	.	.	.	1
	35	512	519	312	225	321
CUMACEA						
CAMPYLASPIS N. SP. (CF. PLICATA)	.	.	.	4	.	<1
CAMPYLASPIS PILOSA	.	.	4	.	.	<1
CUMELLA ACUMINATA	.	4	.	.	.	<1
CUMELLA ANGUSTATA	.	4	.	.	.	<1
CUMELLA ANTIPAI	.	14	.	.	.	3
CUMELLA DAYAE	.	.	.	.	4	<1
CUMELLA ERECTA	.	18	.	4	.	4
CUMELLA SP.	.	4	.	.	.	<1
EPILEUCON TENUIROSTRIS?	.	4	4	11	4	4
EUDORELLA N. SP.C	4	.	.	.	.	<1
EUDORELLA SP.	.	.	.	4	.	<1
LEPTOSTYLUS MACRURA	.	4	.	.	.	<1
LEPTOSTYLUS N. SP.D	.	7	.	.	.	1
LEUCON SP.	.	.	7	4	.	2
LEUCON TURGIDULUS	.	.	.	4	11	3
MACROKYLINDRUS N. SP. CF. CINGULATUS	.	.	.	4	.	<1
MACROKYLINDRUS SP.	.	.	4	.	.	<1
MESOLAMPROPS N. SP.B	.	.	4	.	.	<1
PROCAMPYLASPUS ACANTHOMMA	4	4	4	.	.	2
PROCAMPYLASPUS OMMIDION	.	.	.	4	.	<1
PROCAMPYLASPUS SP.	4	.	.	.	.	<1

Table C-4 (Con't)

Taxa	Cruise II Stations					Overall Density (Transect)
	C 1	C 2	C 3	C 4	C 5	
CUMACEA (con't)						
VAUNTHOMPSONIINAE N. SP.	.	4	.	.	.	<1
VEMAKYLINDRUS COSTARICANUS	.	.	.	4	.	<1
	11	63	25	39	18	31
TANAIDACEA						
AGATHOTANAIS SP.1	.	.	.	4	.	<1
ANARTHRURA SP.4	.	.	.	.	4	<1
ANARTHRURIDAE SP.2	.	.	.	4	.	<1
APSEUDES SP.1	.	4	.	4	.	1
APSEUDES SP.2	11	7	.	.	.	4
APSEUDES SP.4	.	.	4	.	.	<1
APSEUDIDAE	.	11	.	4	.	3
APSEUDIDAE SP.1	.	116	4	.	.	24
APSEUDIDAE SP.2	.	7	.	.	.	1
LEPTOGNATHIA SP.	7	.	11	7	4	6
LEPTOGNATHIA SP.10	.	.	4	.	14	4
LEPTOGNATHIA SP.15	.	.	32	7	.	8
LEPTOGNATHIA SP.2	25	.	4	.	.	6
LEPTOGNATHIA SP.23	.	.	.	.	11	2
LEPTOGNATHIA SP.3	.	18	.	4	.	4
LEPTOGNATHIA SP.30	.	25	.	.	.	5
LEPTOGNATHIA SP.31	4	.	.	.	.	<1
LEPTOGNATHIA SP.32	.	11	4	.	.	3
LEPTOGNATHIA SP.33	.	18	4	.	.	4
LEPTOGNATHIA SP.34	.	18	7	.	.	5
LEPTOGNATHIA SP.35	.	7	.	.	.	1
LEPTOGNATHIA SP.37	.	.	25	.	4	6
LEPTOGNATHIA SP.38	.	.	25	.	.	5
LEPTOGNATHIA SP.39	.	.	7	.	.	1
LEPTOGNATHIA SP.41	.	.	.	25	.	5
LEPTOGNATHIA SP.42	.	.	.	14	.	3
LEPTOGNATHIA SP.43	.	.	.	4	.	<1
LEPTOGNATHIA SP.45	.	.	.	4	.	<1
LEPTOGNATHIA SP.46	.	.	.	7	.	1
LEPTOGNATHIA SP.47	.	.	4	4	.	1
LEPTOGNATHIA SP.48	.	.	.	4	.	<1
LEPTOGNATHIA SP.51	.	11	.	.	14	5
LEPTOGNATHIA SP.52	.	.	.	.	7	1
LEPTOGNATHIA SP.58	.	.	4	.	.	<1
LEPTOGNATHIA SP.60	.	4	.	.	.	<1
LEPTOGNATHIA SP.64	.	.	.	7	.	1
LEPTOGNATHIA SP.65	.	.	4	.	.	<1
LEPTOGNATHIA SP.8	.	11	.	.	.	2
LEPTOGNATHIA SP.A MALE	4	4	.	.	.	1
LEPTOGNATHIA SP.B MALE	.	.	4	.	.	<1
LEPTOGNATHIA SP.C MALE	.	.	7	.	.	1
LEPTOGNATHIA SP.D MALE	.	.	.	4	.	<1
LEPTOGNATHIA SP.N. MALE	.	.	.	4	.	<1

Table C-4 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
TANAIDACEA (con't)						
LEPTOGNATHIIDAE GENUS B	.	.	4	.	.	<1
NEOTANAIS SP.1	.	21	4	4	.	6
PARANARTHRURA INSIGNIS?	.	11	4	.	.	3
PARANARTHRURA SP.1	.	18	7	7	4	7
PARANARTHRURA SP.4	.	4	4	4	.	2
PARATANAIDAE SP.1	.	14	25	7	.	9
PARATANAIDAE SP.2	.	4	4	4	.	2
PSEUDOTANAIDAE GENUS A (N.SP,N.GEN)	.	.	60	.	.	12
PSEUDOTANAIDAE SP.A MALE	.	4	.	.	.	<1
PSEUDOTANAIS SP.1	7	14	18	28	4	14
PSEUDOTANAIS SP.2	4	11	.	14	.	6
PSEUDOTANAIS SP.4	.	4	4	.	.	1
SPHYRAPHUS SP.1	.	4	.	11	4	4
STROGYLURA SP.1	.	.	.	7	.	1
STROGYLURA SP.2	.	.	4	7	.	2
TANAELLA SP.1	.	39	4	.	4	9
TANAELLA SP.2	.	.	14	7	4	5
TANAIDACEA	.	11	4	.	.	3
TYPHLOTANAIS SP.	.	4	.	.	.	<1
TYPHLOTANAIS SP.1	.	4	7	14	.	5
TYPHLOTANAIS SP.2	21	.	21	4	.	9
TYPHLOTANAIS SP.6	.	.	.	18	.	4
TYPHLOTANAIS SP.9	.	4	.	.	.	<1
	81	432	330	239	74	231
ISOPODA						
ACANTHOCOPE SP.231	.	.	4	14	.	4
ANTHURIDAE (SP.259)	.	4	.	.	.	<1
BALBIDOCOLON SP.267	.	.	.	4	.	<1
CHELATOR SP.237	.	4	.	11	7	4
CHELATOR SP.251	.	.	.	11	.	2
CONILERA SP.214	4	.	.	.	.	<1
CRYPTONISCIDAE SP.257	.	4	.	.	.	<1
CYATHURA SP.263	.	4	.	.	.	<1
DENDROMUNNA SP.249	.	.	.	7	.	1
DESMOSOMA SP.248	.	7	.	.	.	1
DESMOSOMA SP.260	.	11	4	11	.	5
DESMOSOMATIDAE	.	.	.	7	11	4
DISCONECTES SP.262	.	7	4	.	.	2
DISCONECTES SP.272	.	.	.	4	.	<1
DISPARELLA SP.274	.	.	.	.	4	<1
EUGERDA SP.215	14	11	18	28	.	14
EUGERDA SP.236	.	4	.	.	4	1
EUGERDELLA SP.229	.	4	7	.	.	2
EUGERDELLA SP.241	.	.	4	4	.	1
EURYCOPE SP.	.	4	.	.	.	<1
EURYCOPIDAE N. GEN. B (SP.271)	.	.	.	7	.	1
EURYCOPIDAE N. GEN. X2 (SP.258)	.	7	.	7	.	3

Table C-4 (Con't)

Taxa	Cruise II Stations					Overall Density (Transect)
	C 1	C 2	C 3	C 4	C 5	
ISOPODA (con't)						
EXILINISCUS SP.255	.	.	4	4	7	3
GNATHIA SP.201	4	.	.	.	.	<1
GNATHIA SP.226	.	.	11	.	.	2
HAPLOMESUS SP.207	.	4	.	.	.	<1
HAPLOMESUS SP.239	.	4	4	14	.	4
HAPLOMSUS SP.	.	.	.	7	.	1
HAPLONISCUS SP.234	.	7	.	.	.	1
HAPLONISCUS SP.273	.	.	.	.	14	3
HAPSIDOHEDRA SP.245	.	4	.	4	.	1
ILYARACHNA SP.218	.	4	.	4	.	1
ISCHNOMESUS SP.	.	4	.	.	.	<1
ISCHNOMESUS SP.208	.	7	.	.	.	1
ISCHNOMESUS SP.222	.	32	.	.	.	6
ISCHNOMESUS SP.227	.	7	7	.	.	3
ISCHNOMESUS SP.275	.	.	.	74	.	15
ISCHNOMESUS SP.276	.	.	.	11	.	2
LEPTANTHURA SP.219	.	.	18	.	.	4
MACROSTYLUS SP.223	.	.	11	.	.	2
MACROSTYLUS SP.256	.	.	.	56	63	24
MIRABILICOXA SP.253	.	35	.	4	.	8
MIRABILICOXA SP.254	.	.	.	.	4	<1
MIRABILICOXA SP.261	.	21	.	.	.	4
MIRABILICOXA SP.269	.	.	.	11	.	2
MOMEDOSSA SP.268	.	.	.	7	.	1
NANNONISCOIDES SP.229	.	.	4	.	.	<1
NANNONISCONUS SP.240	.	14	.	7	.	4
NANNONISCUS SP.242	.	.	.	18	.	4
NOTOXENOIDES SP.206	.	11	.	.	.	2
OCSANTHURA SP.266	.	.	4	.	.	<1
PROCHELATOR SP.202	172	.	.	.	.	34
PROCHELATOR SP.209	.	35	21	7	.	13
PROCHELATOR SP.228	.	7	18	.	.	5
PROCHELATOR SP.235	.	11	14	7	.	6
PROCHELATOR SP.238	.	25	.	.	.	5
RAPANISCUS SP.265	.	.	4	4	.	1
THAMBEMA SP.243	.	4	.	7	.	2
WHOIA SP.216	.	.	.	21	.	4
WHOIA SP.264	.	14	.	.	.	3
WHOIA SP.270	.	.	.	4	.	<1
	193	312	154	379	112	230
AMPHIPODA						
AMPELISCA PACIFICA?	4	.	.	.	.	<1
AMPELISCA SP.3	.	.	.	4	.	<1
AMPELISCIDAE	4	.	.	.	.	<1
AMPHIPODA	.	7	7	11	.	5
AMPHIPODA UNKNOWN FAMILY 1	.	.	4	.	.	<1
BYBLIS N.SP.1	28	4	.	4	.	7

Table C-4 (Con't)

Taxa	Cruise II Stations C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
AMPHIPODA (con't)						
CARANGOLIA N.SP.1	.	4	4	4	.	2
COROPHIIDAE	.	4	.	7	.	2
GAMMAROPSIS SP. 1	.	4	7	.	.	2
HARPINIINAE	.	14	14	21	18	13
LEPTOPHOXUS	.	.	18	4	.	4
LYSIANASSIDAE	.	.	4	.	.	<1
LYSIANASSIDAE N.SP.1	.	7	.	.	.	1
LYSIANASSIDAE SP.3	.	.	7	.	.	1
LYSIANASSIDAE SP.5	4	4	.	.	.	1
MELITA SP.1	.	.	7	.	.	1
MELITA SP.3	7	.	11	.	.	4
MELITA SP.4	.	.	4	.	.	<1
MELITIDAE	4	.	4	.	.	1
METAPHOXUS N.SP.	.	11	28	4	.	8
PARAMETOPELLA N.SP.1	.	.	.	4	.	<1
PARDISYNOPIA N.SP.1	.	14	21	7	11	11
PHOXOCEPHALIIDAE	.	.	7	.	.	1
PHOXOCEPHALUS SP.	.	21	.	.	.	4
PHOXOCEPHALUS SP.1	.	21	.	.	.	4
SEBIDAE	.	4	.	.	.	<1
SYNOPIIDAE	7	7	.	4	4	4
SYNOPIIDAE SP.3	7	7	11	.	.	5
SYNOPIIDAE SP.4	.	.	.	4	.	<1
SYNOPIIDAE SP.5	4	.	.	.	.	<1
SYRRHOE N. SP. 1	4	.	.	.	.	<1
?VALETTIOPSIS SP.1	.	4	.	.	.	<1
	70	133	154	74	32	93
DECAPODA						
AXIIDAE SP.A	.	4	.	.	.	<1
NEPHROPSIS ACULEATA	4	.	.	.	.	<1
	4	4	.	.	.	1
SIPUNCULA						
GOLFINGIA SP.J	.	.	.	11	.	2
GOLFINGIA SP.K	.	.	.	11	.	2
GOLFINGIA SP.L	.	.	.	4	.	<1
GOLFINGIA SP.M	.	.	4	.	.	<1
GOLFINGIIDAE	.	4	.	.	.	<1
SIPUNCULA	.	.	4	.	.	<1
SIPUNCULA SP.A	7	.	.	.	.	1
SIPUNCULA SP.B	4	.	.	.	.	<1
	11	4	7	25	.	9

Table C-4 (Con't)

Taxa	Cruise II Stations C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
BRYOZOA						
ANGUISIA SP.	.	.	.	7	.	1
CHEILOSTOMATA	.	4	.	.	.	<1
CHEILOSTOMATA SP.2153	.	.	.	.	14	3
CHEILOSTOMATA SP.2166	.	.	.	39	.	8
CHEILOSTOMATA SP.2167	4	.	.	.	.	<1
CHEILOSTOMATA SP.2230	4	.	.	.	.	<1
CTENOSTOMATA SP.2171	.	.	4	.	.	<1
CTENOSTOMATA SP.2173	.	.	4	.	.	<1
CTENOSTOMATA SP.2176	.	4	.	.	.	<1
CTENOSTOMATA SP.2180	7	.	.	.	.	1
CTENOSTOMATA SP.2185	.	4	.	.	.	<1
CTENOSTOMATA SP.2222	.	.	.	4	.	<1
CTENOSTOMATA SP.2225	.	.	4	.	.	<1
CTENOSTOMATA SP.2229	4	.	.	.	.	<1
CTENOSTOMATA SP.2235	.	.	.	4	.	<1
CTENOSTOMATA SP.2236	.	.	.	4	.	<1
CTENOSTOMATA SP.2249	.	14	.	.	.	3
CTENOSTOMATA SP.2251	.	4	.	.	.	<1
CTENOSTOMATA SP.2255	.	.	4	.	.	<1
CTENOSTOMATA SP.2270	.	.	.	4	.	<1
EUGINOMA CAVALIERI	4	.	4	18	.	5
EUGINOMA N.SP.	.	.	.	.	14	3
HELIODOMA SP.	.	.	.	18	.	4
MEMBRANIPORA TUBERCULATA	4	.	.	.	.	<1
METALCYONIDIUM SP.	.	.	4	.	.	<1
METRARABDOTOMORPHA AENIGMATISTES	.	.	.	4	.	<1
NOLELLA HAMPSONI	.	4	.	.	.	<1
NOLELLA SP.	.	4	4	11	.	4
PACHYZOON ATLANTICUM	.	.	4	.	.	<1
PSEUDALCYONIDIUM BOBINAE	.	4	.	7	.	2
SCLERODOMUS SP.	.	.	.	7	.	1
SETOSELLINA SP.	.	.	.	4	.	<1
SPHAERULOBRYOZOON PEDUNCULATUM	4	.	.	.	.	<1
SPHAERULOBRYOZOON SP.	11	11	7	11	.	8
	39	49	35	137	28	58
BRACHIOPODA						
CRYPTOPORA RECTIMARGINATA	7	11	4	.	25	9
	7	11	4	.	25	9

Table C-4 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Overall Density (Transect)
ECHINOIDEA						
ACESTE BELLIDIFERA	.	.	4	14	14	6
	.	.	4	14	14	6
HOLOTHUROIDEA						
MOLPADIA SP.	.	4	.	4	.	1
PROTANKYRA SP.	.	.	7	7	4	4
SYNAPTIDAE	.	.	7	4	.	2
	.	4	14	14	4	7
CRINOIDEA						
MONACHOCRINUS CARIBBEUS	.	.	.	7	.	1
	.	.	.	7	.	1
ASCIDIACEA						
BATHYSTYELOIDES N. SP.	.	.	.	7	.	1
DICARPA SIMPLEX	.	.	14	39	.	11
	.	.	14	46	.	12

Table C-4 (Con't)

Taxa	Cruise II Stations E 1	E 2	E 3	E 4	E 5	Overall Density (Transect)
PORIFERA						
?HOMOSCLEROMORPHA	.	.	.	.	5	1
?HYMEDESMIIDAE	.	.	.	4	.	1
MYCALE SP.A	.	7	.	.	.	1
MYCALE SP.C	.	.	.	4	.	1
POLYMASTIA SP.	.	7	.	.	.	1
STYLOCORDYLA SP.	.	.	.	.	74	16
TETHYA SP.A	.	7	7	13	.	6
TETILLA SP.B	.	.	.	.	16	4
THENEA SP.A	.	.	.	.	5	1
THENEA SP.C	.	.	.	4	16	5
	.	21	7	25	116	37
HYDROZOA						
EUCUSPIDELLA SP.	42	.	.	.	.	7
OPERCULARELLA SP.	.	.	28	.	.	5
	42	.	28	.		12
ACTINIARIA						
ACTINIARIA	.	.	.	4	.	1
ACTINIARIAN LARVAE	.	.	7	.	.	1
	.	.	7	4	.	2
POLYCHAETA						
ACROCIRRIDAE	.	42	126	42	.	42
AEDICIRA SP.	.	105	42	168	84	80
AGLAOPHAMUS CIRCINATA	.	42	.	21	.	13
AMPHARETE "SP.A"	21	63	.	42	.	25
AMPHARETIDAE	.	63	84	.	.	29
AMPHARETIDAE GENUS A	.	.	21	.	.	4
AMPHICTEIS GUNNERI	21	.	.	.	.	4
ANAITIDES MUCOSA	.	21	.	.	.	4
AONIDES SP.	21	.	.	.	.	4
APHRODITIDAE	21	.	.	.	.	4
ARABELLIDAE	21	.	.	.	.	4
ARICIDEA SUECICA	63	21	168	147	42	88
ARICIDEA TAYLORI	21	42	.	.	.	13
ARICIDEA TRILOBATA?	.	21	.	.	.	4
ASCLEROCHEILUS BERINGIANUS	.	42	.	.	.	8
BRADA SP.A	.	.	63	.	.	13
BRADA VILLOSA	.	21	.	.	.	4
CALIFIA SP.B	.	.	21	.	.	4
CAPITELLIDAE GENUS A	21	.	.	.	.	4
CAPITELLIDAE GENUS G	42	.	.	.	.	8

Table C-4 (Con't)

	Cruise II Stations					
Taxa	E 1	E 2	E 3	E 4	E 5	Overall Density (Transect)
POLYCHAETA (con't)						
CAPITELLIDAE GENUS H	21	.	.	.	.	4
CAPITELLIDAE GENUS I	21	.	.	.	.	4
CAPITELLIDAE GENUS K	21	.	.	.	.	4
CAPITELLIDAE GENUS L	.	21	.	.	.	4
CAPITELLIDAE GENUS M	.	.	21	.	.	4
CAPITELLIDAE GENUS N	.	.	.	21	.	4
CAPITELLIDAE GENUS O	.	.	.	42	.	8
CAULLERIELLA SP.A	.	.	21	.	.	4
CERATOCEPHALE LOVENI	.	.	.	.	21	4
CERATOCEPHALE OCULATA	.	21	.	.	.	4
CHAETOZONE "SP.C"	.	.	21	.	21	8
CHONE SP.B	.	21	.	.	.	4
CHONE SP.C	84	.	21	.	.	21
CHONE SP.D	.	.	21	.	.	4
CHONE SP.E	.	.	21	.	.	4
CIRROPHORUS BRANCHIATUS	.	21	.	21	.	8
CIRROPHORUS LYRA	.	.	.	.	21	4
CLYMENELLA TORQUATA	.	21	.	.	.	4
DIPLOCIRRUS "SP.A"	.	42	.	.	.	8
DIPLOCIRRUS CAPENSIS	21	.	21	42	.	17
DORVILLEA SOCIABILIS	21	.	.	.	.	4
EUCHONE "SP.A"	.	.	.	21	.	4
EUCHONE INCOLOR?	84	.	63	.	.	29
EUPOLYMNIA SP.A	.	.	21	.	.	4
EUPOLYMNIA SP.B	.	.	.	21	.	4
EXOGONE "SP.A"	21	21	147	84	42	63
EXOGONE DISPAR	.	.	.	42	.	8
EXOGONE SP.C	.	.	21	.	.	4
FABRICIA SP.A	42	.	.	.	.	8
FAUVELIOPSIS SP.B	21	63	.	21	21	25
GLYCERA PAPILLOSA?	.	.	21	.	.	4
GLYCERIDAE	.	.	.	63	.	13
GYPTIS SP.B	.	.	21	.	.	4
HESIONIDAE	21	21	.	21	.	13
HETEROMASTUS SP.A	.	.	.	21	.	4
HETEROSPIO "SP.A"	.	.	21	.	.	4
HETEROSPIO LONGISSIMA?	21	.	.	.	.	4
HETEROSPIO SP.	.	21	.	.	.	4
HYALINOECIA TUBICOLA	.	.	42	.	.	8
HYBOSCOLEX LONGISETA?	21	.	.	.	.	4
LAONICE CIRRATA	.	.	.	84	21	21
LEITOSCOLOPLOS FRAGILIS	.	.	42	.	.	8
LEITOSCOLOPLOS SP.A	.	.	.	21	.	4
LITOCORSA "SP.A"	42	63	.	.	.	21
LUMBRINERIDES DAYI	.	42	21	.	.	13
LUMBRINERIS CANDIDA	.	.	.	21	.	4
LUMBRINERIS COCCINEA	21	.	.	.	.	4
LUMBRINERIS VERRILLI	21	.	.	.	.	4
MAGELONA FILIFORMIS	21	.	.	.	.	4

Table C-4 (Con't)

Taxa	Cruise II Stations					Overall Density (Transect)
	E 1	E 2	E 3	E 4	E 5	
POLYCHAETA (con't)						
MALDANIDAE	63	21	.	.	.	17
MICROMALDANE SP.	.	42	42	21	.	21
MICROSPIO SP.A	21	.	21	21	.	13
MYRIOWENIA SP.A	.	42	21	21	.	17
NAINERIS SP.	.	.	.	21	.	4
NOTOMASTUS AMERICANUS	21	.	.	.	.	4
NOTOMASTUS LATERICEUS	.	21	.	63	42	25
OPHELINA SP.A	21	.	.	.	.	4
OPHELINA SP.B	.	.	.	21	.	4
OPHELINA SP.D	.	.	21	.	.	4
OPHELINA SP.E	.	.	21	.	.	4
OPHRYOTROCHA SP.A	.	.	.	21	.	4
PALEANOTUS "SP.A"	21	.	.	.	.	4
PALMYRA SP.A	.	.	.	21	.	4
PARAMARPHYSA SP.	21	.	.	.	.	4
PARAMPHINOME PULCHELLA	42	21	.	.	.	13
PARAONIDAE	.	.	.	21	21	8
PARAONIS GRACILIS	42	21	.	.	.	13
PERESIELLA SP.A	21	.	.	.	.	4
PHERUSA SP.	.	42	.	.	.	8
PHOLOE "SP.C"	.	.	63	.	.	13
PHOLOE MINUTA?	21	.	.	.	.	4
PHYLLODOCIDAE	.	.	42	.	.	8
PIONOSYLLIS "SP.B"	.	21	.	.	.	4
PRIONOSPIO CIRRIFERA	42	232	168	21	.	93
PRIONOSPIO EHLERSI	21	.	21	.	.	8
PRIONOSPIO SP.A	63	.	.	.	.	13
PRIONOSPIO SP.C	42	.	.	.	.	8
PRIONOSPIO SP.D	21	.	.	.	.	4
RHODINE SP.B	.	.	.	21	.	4
SABELLIDAE	21	63	21	63	21	38
?SABELLIDES SP.A	.	21	.	.	.	4
SARSONUPHIS HARTMANAE	42	63	84	.	.	38
SCOLOPLOS SP.A	.	.	.	84	.	17
SIGAMBRA BASSI	21	.	.	.	.	4
SPHAERODOROPSIS "SP.A"	.	.	21	.	.	4
SPIOCHAETOPTERUS COSTARUM	.	.	.	21	.	4
SPIONIDAE	168	.	.	126	63	72
SPIONIDAE GENUS B	42	.	.	.	.	8
SPIOPHANES BERKELEYORUM	21	21	63	.	.	21
SPIOPHANES BOMBYX	.	.	42	.	.	8
SPIOPHANES SP.C	.	.	.	42	.	8
SPIOPHANES WIGLEYI	.	.	.	21	.	4
STERNASPIS SCUTATA	42	.	.	.	.	8
STHENELAIS SP.A	.	.	21	.	.	4
SYLLIDAE	21	126	63	63	.	55
SYLLIS (EHLERSIA) CORNUTA	21	.	42	.	.	13
SYLLIS (EHLERSIA) SP.A	21	.	.	.	.	4
SYLLIS (TYPOSYLLIS) GERLACHI?	.	21	.	.	.	4

Table C-4 (Con't)

	Cruise II Stations					
Taxa	E 1	E 2	E 3	E 4	E 5	Overall Density (Transect)
POLYCHAETA (con't)						
TACHYTRYPANE SP.A	42	84	.	.	.	25
TEREBELLIDAE	.	.	21	21	.	8
TEREBELLIDES STROEMI	.	21	.	21	.	8
THARYX ANNULOSUS?	.	63	105	21	.	38
THARYX MARIONI	21	21	63	63	105	55
TRAVISIA SP.A	.	63	.	.	.	13
TROCHOCHAETA SP.A	21	.	.	.	.	4
	1768	1895	2063	1789	526	1608
OLIGOCHAETA						
OLIGOCHAETA	.	28	.	4	21	11
	.	28	.	4	21	11
GASTROPODA						
GASTROPODA	7	.	.	8	21	8
MELANELLA SP.	7	.	.	.	.	1
PHILENE SP.	.	.	7	.	.	1
SEGUENZIA SP.	7	.	.	4	.	2
SKEINIDAE	.	.	7	.	.	1
	21	.	14	13	21	14
BIVALVIA						
ASTARTE SP.A	.	.	.	21	.	6
BATHYARCA SP.A	7	7	7	4	.	5
BIVALVIA	49	7	49	51	42	41
CRENELLA SP.A	.	7	7	8	.	5
?CUSPIDARIA SP.	70	.	7	.	.	13
DACRYDIUM VITREUM	56	.	.	4	16	14
EULAMELLIBRANCH SP.	.	7	7	4	.	4
EULAMELLIBRANCH SP.B	.	.	14	8	5	6
EULAMELLIBRANCH SP.F	56	21	.	.	.	13
LIMA SP.	.	.	7	.	.	1
LIMOPSIS SP.	35	14	35	.	.	14
?LUCINA SP.	28	7	.	.	.	6
MALLETIA SP.A	.	.	.	8	.	2
MALLETIA SP.B	28	42	35	.	.	18
NUCULA SP.A	7	7	56	4	.	13
NUCULA SP.B	.	.	.	13	.	4
NUCULANIDAE (NUCULANA?) SP.D	14	.	.	.	.	2
NUCULANIDAE (TINDARIA?) SP.E	14	7	.	.	.	4
NUCULANIDAE (TINDARIA?) SP.G	.	.	7	.	.	1
NUCULANIDAE SP.B	.	.	.	34	.	9
NUCULANIDAE SP.H	.	.	.	4	.	1
?PECTEN SP.	.	.	.	4	.	1
POLICORDIA SP.A	.	.	.	4	.	1
PRISTOGLOMA NITENS	.	.	.	.	5	1

Table C-4 (Con't)

Taxa	Cruise II Stations					Overall Density (Transect)
	E 1	E 2	E 3	E 4	E 5	
BIVALVIA (con't)						
TELLINA SP.B	.	.	.	4	.	1
?VESICOMYA SP.	7	21	35	51	.	25
YOLDIELLA SP.A	.	.	.	29	.	8
	372	147	267	257	68	218
SCAPHAPODA						
EPISIPHON SP.	.	.	.	8	.	2
SCAPHOPODA	21	.	.	.	.	4
SIPHONODENTALIIDAE	.	.	.	8	.	2
	21	.	.	17	.	8
OSTRACODA						
ANGULOROSTRUM SP.A	84	35	14	55	.	37
EUPHILOMEDES SP.A	.	35	.	.	.	6
HARBANSUS SP.	21	.	.	.	.	4
HARBANSUS SP.C	.	28	.	13	.	8
IGENE SP.A	.	.	35	.	.	6
PHILOMEDES SP.A	.	14	.	.	.	2
PODOCOPA	77	35	337	274	174	189
PSEUDOPHILOMEDES SP.A	.	14	.	.	.	2
PTEROCYPRIDINA SEX	.	.	28	4	.	6
SCLEROCONCHA SP.A	.	.	7	.	.	1
	182	161	421	345	174	262
CUMACEA						
CAMPYLASPIS COGNATA	.	.	7	.	.	1
CAMPYLASPIS SP.	7	7	.	.	.	2
CAMPYLASPIS SPINOSA	.	.	21	4	.	5
CHALAROSTYLIS N. SP.E	.	.	7	.	.	1
CUMELLA ACUMINATA	.	.	.	4	.	1
CUMELLA ANTIPAI	.	.	7	.	.	1
CUMELLA ERECTA	.	.	7	4	5	4
CUMELLA SP.	.	.	.	4	.	1
CYCLASPIS LONGICAUDATA	.	.	7	.	.	1
CYCLASPOIDES SARSI	.	.	7	.	.	1
EPILEUCON TENUIROSTRIS?	.	.	.	8	.	2
LEPTOSTYLUS SP.	.	.	7	.	.	1
LEUCON SP.	.	.	.	.	5	1
LEUCON TURGIDULUS	7	.	.	.	5	2
PARALAMPROPS N. SP.F	.	.	.	4	.	1
PROCAMPYLASPUS ACANTHOMMA	7	.	.	.	.	1
PROCAMPYLASPUS OMMIDION	.	.	.	.	21	5
VEMAKYLINDRUS COSTARICANUS	.	.	7	4	.	2
	21	7	77	34	37	35

Table C-4 (Con't)

	Cruise II Stations					
Taxa	E 1	E 2	E 3	E 4	E 5	Overall Density (Transect)
TANAIDACEA						
AGATHOTANAIS SP.1	.	.	.	17	.	5
ANARTHRURIDAE SP.1	.	.	.	4	5	2
ANARTHRURIDAE SP.2	.	.	.	4	.	1
ANARTHRURIDAE SP.4	.	14	7	.	.	4
APSEUDES SP.1	.	.	.	4	.	1
APSEUDES SP.3	.	.	.	.	11	2
APSEUDIDAE	.	.	7	.	.	1
APSEUDIDAE SP.1	.	.	.	4	.	1
APSEUDIDAE SP.2	.	.	14	.	.	2
LEPTOGNATHIA SP.	.	.	28	4	.	6
LEPTOGNATHIA SP.15	.	.	49	4	.	9
LEPTOGNATHIA SP.23	7	.	.	.	.	1
LEPTOGNATHIA SP.35	.	.	.	4	.	1
LEPTOGNATHIA SP.41	14	.	7	.	.	4
LEPTOGNATHIA SP.43	.	.	.	4	.	1
LEPTOGNATHIA SP.45	.	.	.	4	.	1
LEPTOGNATHIA SP.46	.	.	7	.	.	1
LEPTOGNATHIA SP.49	7	.	.	.	.	1
LEPTOGNATHIA SP.52	.	.	7	8	.	4
LEPTOGNATHIA SP.53	.	7	.	.	.	1
LEPTOGNATHIA SP.54	.	.	14	.	.	2
LEPTOGNATHIA SP.55	.	.	7	.	.	1
LEPTOGNATHIA SP.56	.	.	7	.	.	1
LEPTOGNATHIA SP.57	.	7	14	.	.	4
LEPTOGNATHIA SP.58	.	.	.	17	.	5
LEPTOGNATHIA SP.59	7	7	14	.	.	5
LEPTOGNATHIA SP.60	.	.	14	.	.	2
LEPTOGNATHIA SP.61	.	14	.	8	.	5
LEPTOGNATHIA SP.62	.	.	.	4	.	1
LEPTOGNATHIA SP.64	.	.	.	17	.	5
LEPTOGNATHIA SP.68	.	.	.	.	11	2
LEPTOGNATHIA SP.69	.	.	.	.	11	2
LEPTOGNATHIA SP.70	.	.	.	.	5	1
LEPTOGNATHIA SP.77	.	.	7	.	.	1
LEPTOGNATHIA SP.E MALE	.	7	.	.	.	1
LEPTOGNATHIA SP.F MALE	.	7	.	.	.	1
NEOTANAIS SP.1	.	7	.	.	5	2
PARANARTHRURA INSIGNIS?	.	7	7	17	.	7
PARANARTHRURA SP.	.	.	7	.	.	1
PARANARTHRURA SP.1	.	7	.	.	.	1
PARANARTHRURA SP.3	.	.	.	.	11	2
PARATANAIDAE SP.1	7	7	42	.	.	9
PARATANAIDAE SP.2	.	.	7	13	.	5
PSEUDOTANAIDAE GENUS A (N.SP,N.GEN)	.	.	7	.	.	1
PSEUDOTANAIS SP.1	7	7	.	4	11	6
PSEUDOTANAIS SP.2	.	7	7	.	.	2
SPHYRAPHUS SP.1	.	.	.	4	.	1

Table C-4 (Con't)

Taxa	Cruise II Stations					Overall Density (Transect)
	E 1	E 2	E 3	E 4	E 5	
TANAIDACEA (con't)						
SPHYRAPHUS SP.2	7	.	.	.	.	1
STROGYLURA SP.1	.	.	14	8	.	5
STROGYLURA SP.2	.	14	.	.	.	2
TANAELLA SP.1	.	.	14	.	.	2
TANAIDACEA	.	7	.	4	.	2
TYPHLOTANAIS SP.	.	7	.	8	.	4
TYPHLOTANAIS SP.1	7	.	14	8	.	6
TYPHLOTANAIS SP.10	.	7	.	.	.	1
TYPHLOTANAIS SP.11	.	.	21	.	.	4
TYPHLOTANAIS SP.12	.	.	.	4	.	1
TYPHLOTANAIS SP.13	.	.	.	4	.	1
TYPHLOTANAIS SP.14	.	.	.	.	16	4
TYPHLOTANAIS SP.16	.	.	.	.	5	1
TYPHLOTANAIS SP.5	.	.	7	4	.	2
TYPHLOTANAIS SP.6	.	.	7	4	.	2
TYPHLOTANAIS SP.9	.	7	.	.	.	1
	63	147	358	194	89	168
ISOPODA						
BALBIDOCOLON SP.267	.	.	.	4	.	1
CHELATOR SP.237	.	.	.	4	.	1
CHELATOR SP.251	.	.	.	8	5	4
CIROLANA SP.282	7	.	.	.	.	1
CONILERA SP.214	.	7	.	.	.	1
DENDROMUNNA SP.249	.	.	.	8	.	2
DESMOSOMA SP.248	.	.	7	.	.	1
DESMOSOMA SP.260	.	7	.	4	.	2
DESMOSOMATIDAE	.	.	.	4	.	1
EUGERDA SP.	.	.	.	4	.	1
EUGERDA SP.215	.	.	7	.	.	1
EUGERDA SP.236	.	.	.	4	.	1
EURYCOPE SP.277	.	.	.	.	11	2
EXILINISCUS SP.232	.	.	.	4	.	1
EXILINISCUS SP.255	.	21	.	.	.	4
GNATHIA SP.211	7	.	.	.	.	1
HAPLOMESUS SP.239	.	.	.	8	5	4
ILYARACHNA SP.218	.	.	7	4	.	2
ISCHNOMESUS SP.208	.	.	7	.	.	1
ISCHNOMESUS SP.227	.	.	21	.	.	4
ISCHNOMESUS SP.247	.	7	.	.	.	1
ISCHNOMESUS SP.275	.	.	.	13	11	6
ISCHNOMESUS SP.278	.	.	.	.	5	1
ISOPODA	.	.	7	.	.	1
KATIANIRA SP.244	.	.	.	4	.	1
LEPTANTHURA SP.205	.	.	.	13	.	4
LEPTANTHURA SP.219	.	.	7	.	.	1
LIPOMERA SP.280	.	.	.	4	.	1
MACROSTYLUS SP.223	.	.	14	.	.	2

Table C-4 (Con't)

	Cruise II Stations					
Taxa	E 1	E 2	E 3	E 4	E 5	Overall Density (Transect)
ISOPODA (con't)						
MACROSTYLUS SP.256	.	.	.	21	11	8
MIRABILICOXA SP.261	.	.	.	.	5	1
NANNONISCONUS SP.240	.	.	.	8	.	2
PROCHELATOR SP.202	7	.	.	.	.	1
PROCHELATOR SP.209	.	.	14	.	.	2
PROCHELATOR SP.235	7	7	.	.	.	2
PROCHELATOR SP.238	.	14	.	21	.	8
PSEUDARACHNA SP.281	.	.	.	4	.	1
RAPANISCUS SP.265	.	.	.	4	16	5
THAMBEMA SP.243	.	7	14	.	.	4
THAUMASTASOMA SP.279	.	.	.	.	11	2
TORWOLIA SP.203	14	.	.	4	.	4
WHOIA SP.216	7	.	.	4	11	5
WHOIA SP.264	.	.	.	.	5	1
	49	70	105	160	95	103
AMPHIPODA						
AMPELISCA SP.	.	7	.	.	.	1
AMPHIPODA	.	28	14	.	.	7
BYBLIS N.SP.1	.	.	.	4	.	1
CAPRELLIDAE	.	.	.	4	.	1
CARANGOLIA N.SP.1	.	.	7	.	.	1
COROPHIIDAE	.	.	7	4	.	2
COROPHIOIDEA SP.2	.	.	.	4	.	1
HARPINIINAE	.	7	7	8	.	5
HARPINIINAE SP.2	.	7	.	.	.	1
?INGOLFIELLIDAE	.	.	.	4	.	1
LEPTOPHOXUS	.	.	7	.	.	1
LILJEBORGIIDAE	.	7	.	.	.	1
LYSIANASSIDAE SP.3	.	.	7	.	.	1
LYSIANASSIDAE SP.5	.	7	.	.	.	1
METAPHOXUS N.SP.	.	.	7	.	.	1
PARDISYNOPIA N.SP.1	.	28	14	4	5	9
PHOXOCEPHALIIDAE	.	.	.	4	.	1
PHOXOCEPHALUS SP.	.	.	14	.	.	2
SYNOPIIDAE	.	.	7	4	.	2
SYNOPIIDAE N. GEN. 2	.	.	.	.	5	1
SYNOPIIDAE SP.3	.	7	.	.	.	1
SYNOPIIDAE SP.4	.	7	.	.	.	1
	.	105	91	42	11	47
DECAPODA						
CYMONOMUS N.SP.	.	7	.	.	.	1
	.	7	.	.	.	1

Table C-4 (Con't)

Taxa	Cruise II Stations					Overall Density (Transect)
	E 1	E 2	E 3	E 4	E 5	
SIPUNCULA						
ASPIDOSIPHON SP.E	.	7	.	.	.	1
GOLFINGIA SP.B	7	.	35	13	11	13
GOLFINGIA SP.F	7	.	.	.	.	1
GOLFINGIA SP.H	7	.	.	.	.	1
GOLFINGIA SP.I	.	21	.	.	.	4
GOLFINGIIDAE	.	.	.	.	5	1
ONCHNESOMA SQUAMATUM	.	7	.	.	.	1
ONCHNESOMA STEENSTRUPII	42	.	.	.	.	7
SIPHONOSOMA SP.A	.	.	.	4	.	1
SIPUNCULA	14	.	.	.	.	2
SIPUNCULIDAE	.	.	.	.	5	1
	77	35	35	17	21	34
BRYOZOA						
BATHYALAZOON FORESTI?	.	.	7	.	.	1
CHEILOSTOMATA SP.2145	.	.	.	4	.	1
CHEILOSTOMATA SP.2153	.	.	.	4	5	2
CHEILOSTOMATA SP.2154	.	7	.	.	.	1
CHEILOSTOMATA SP.2166	.	.	7	29	.	9
CHEILOSTOMATA SP.2210	.	.	.	4	.	1
CTENOSTOMATA SP.2219	.	.	.	.	5	1
CTENOSTOMATA SP.2245	7	.	.	.	.	1
CTENOSTOMATA SP.2261	.	.	7	.	.	1
CTENOSTOMATA SP.2271	.	.	.	.	5	1
CTENOSTOMATA SP.2274	7	.	.	.	.	1
EUGINOMA CAVALIERI	21	.	.	42	.	15
METALCYONIDIUM SP.	28	.	.	.	.	5
NOLELLA SP.	77	14	7	4	.	18
NOTOPLITES SP.	.	.	49	.	.	8
SETOSELLINA GOESII	35	.	.	.	.	6
SETOSELLINA SP.	14	.	.	.	.	2
SPHAERULOBRYOZOON SP.	.	.	14	4	.	4
	189	21	91	93	16	80
BRACHIOPODA						
CRYPTOPORA RECTIMARGINATA	.	7	.	.	.	1
	.	7	.	.	.	1
ECHINOIDEA						
ACESTE BELLIDIFERA	.	7	.	4	5	4
	.	7	.	4	5	4

Table C-4 (Con't)

	Cruise II Stations					
Taxa	E 1	E 2	E 3	E 4	E 5	Overall Density (Transect)
HOLOTHUROIDEA						
ECHINOCUCUMIS HISPIDA	.	.	.	8	.	2
MYRIOTROCHUS SP.	21	28	14	.	.	11
PROTANKYRA SP.	.	.	21	8	.	6
SYNAPTIDAE	.	28	.	4	.	6
	21	56	35	21	.	25
ASCIDIACEA						
BATHYSTYELOIDES N. SP.	.	.	7	8	.	4
DICARPA SIMPLEX	.	7	21	.	.	5
HEXACROBYLUS ARCTICUS?	.	.	.	.	5	1
MINIPERA PEDUNCULATA	.	.	.	.	5	1
	.	7	28	8	11	11

Table C-4 (Con't)

Taxa	Cruise III Stations C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Overall Density (Transect)
PORIFERA												
?DRAGMATELLA SP.	.	.	.	.	.	.	.	4	.	.	.	<1
HADROMERIDA SP.	.	.	.	.	.	.	.	.	.	.	4	<1
?HAMACANTHA SP.	.	.	.	.	.	.	.	.	.	4	.	<1
HYALONEMATIDAE	.	.	.	.	.	7	.	.	.	.	.	<1
LITHISTIDA SP.	.	.	.	.	.	7	.	4	.	.	.	1
MYCALE SP.B	.	.	.	.	4	.	.	4	7	.	7	2
MYCALE SP.C	.	.	.	.	.	.	.	.	7	.	.	<1
MYCALE SP.D	.	.	.	.	.	.	.	.	.	.	4	<1
MYCALE SP.E	.	.	.	.	.	7	.	.	.	.	.	<1
?OXYCORDYLA SP.	.	.	.	.	.	4	.	.	.	.	.	<1
PLAKINIDAE SP.B	.	.	.	.	.	4	.	4	.	.	.	<1
PLAKINIDAE SP.C	.	.	.	.	.	4	7	.	4	.	.	1
POECILOSCERIDA	.	.	.	.	4	.	.	.	.	.	.	<1
POLYMASTIA POLYTYLOTA?	.	.	.	.	.	.	.	4	.	.	.	<1
POLYMASTIIDAE	.	.	.	.	.	.	.	4	.	.	.	<1
?SUBERITIDAE SP.A	.	.	.	.	.	4	4	.	.	.	.	<1
?SUBERITIDAE SP.B	.	.	.	.	.	.	4	.	.	.	.	<1
SUBERITIDAE SP.C	.	.	.	4	.	.	4	.	.	.	.	<1
TETHYA SP.A	.	.	.	.	.	11	11	4	.	.	.	2
TETILLA SP.B	.	.	.	.	.	.	.	.	7	.	4	1
THENEA SP.A	.	.	.	.	.	.	.	.	.	.	4	<1
THENEA SP.C	.	.	.	.	.	.	.	.	.	4	7	1
	.	.	.	4	7	46	28	25	25	7	28	15
HYDROZOA												
OBELIA BIDENTATA	.	.	7	.	.	.	.	.	.	.	.	<1
OPERCULARELLA SP.	.	.	.	.	4	.	.	.	.	.	.	<1
PANDEIDAE	.	.	.	.	.	.	.	18	.	.	.	2
	.	.	7	.	4	.	.	18	.	.	.	3
ACTINIARIA												
?HALCAMPOIDIDAE	.	.	.	.	.	.	.	4	4	.	.	<1
	.	.	.	.	.	.	.	4	4	.	.	1
SCLERACTINEA												
DELTOCYATHUS SP.	.	.	.	4	.	.	.	4	.	.	.	<1
DENDROPHYLLIA ALTERNATA	.	.	.	.	.	.	.	4	.	.	.	<1
SCHIZOCYATHUS FISSILIS	11	.	.	.	.	.	.	.	.	.	.	1
SCLERACTINIA	4	.	.	.	.	.	.	.	.	.	.	<1
	14	.	.	4	.	.	.	7	.	.	.	2

Table C-4 (Con't)

	Cruise III Stations											
Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Overall Density (Transect)
POLYCHAETA												
ACROCIRRIDAE	.	.	.	21	.	21	.	.	.	21	105	15
AEDICIRA SP.	.	.	21	42	.	105	42	.	.	21	42	25
AGLAOPHAMUS CIRCINATA	.	105	.	.	.	.	.	.	.	.	.	10
AGLAOPHAMUS VERRILLI	337	.	.	.	.	.	.	.	.	.	.	31
AMPHARETE "SP.A"	42	.	21	.	.	21	.	.	.	.	.	8
AMPHARETIDAE	.	84	.	.	.	21	84	.	21	.	.	19
AMPHARETIDAE GENUS D	.	211	.	.	.	.	.	.	.	.	.	19
AMPHARETIDAE GENUS E	.	.	21	.	.	.	.	.	.	.	.	2
AMPHICTEIS GUNNERI	.	84	.	.	.	.	.	.	.	.	.	8
AMPHICTEIS SCAPHOBRANCHIATA	.	21	.	.	.	.	.	.	.	.	.	2
ARICIDEA (ACMIRA) SIMPLEX	21	84	.	.	21	.	.	.	.	.	.	11
ARICIDEA CATHERINAE	.	21	.	.	.	.	.	.	.	.	.	2
ARICIDEA CERRUTI	21	.	.	.	.	.	.	.	.	.	.	2
ARICIDEA SUECICA	63	147	21	.	21	.	.	.	.	.	21	25
ARICIDEA WASSI?	63	.	.	.	.	.	.	.	.	.	.	6
ASCLEROCHEILUS BERINGIANUS	.	.	.	.	.	.	.	.	.	.	21	2
ASYCHIS ATLANTICUS	.	.	.	63	.	.	.	.	.	.	.	6
AUGENERIA BIDENS	.	.	.	.	.	.	.	.	.	42	.	4
CALIFIA CALIDA	42	.	.	.	.	.	.	.	.	.	.	4
CAPITELLIDAE GENUS A	.	21	.	.	.	21	.	.	.	.	.	4
CAPITELLIDAE GENUS C	21	.	.	.	.	.	.	.	.	.	.	2
CAPITELLIDAE GENUS G	.	.	.	.	.	.	.	.	.	.	21	2
CAPITELLIDAE GENUS V	.	.	.	21	.	.	.	.	.	.	.	2
CAPITELLIDAE GENUS W	.	.	.	.	.	.	.	.	.	.	21	2
CAPITOMASTUS SP.B	42	.	.	.	.	.	.	.	.	.	.	4
CERATOCEPHALE OCULATA	21	21	.	21	.	.	21	.	.	.	.	8
CHAETOZONE "SP.C"	.	.	.	.	.	.	.	.	.	.	21	2
CHONE SP.A	21	.	.	.	.	.	.	.	.	.	.	2
CHONE SP.G	.	21	.	.	.	.	.	.	.	.	.	2
CIRRATULUS SP.	21	.	.	.	.	.	.	.	.	.	.	2
CIRROPHORUS BRANCHIATUS	.	.	.	.	63	.	.	.	.	.	.	6
CIRROPHORUS LYRA	.	63	.	21	.	42	.	21	.	.	.	13
COSSURA DELTA	.	.	21	.	.	.	.	.	.	.	.	2
DECAMASTUS SP.A	.	.	.	.	21	.	.	.	.	.	.	2
DIPLOCIRRUS CAPENSIS	.	.	21	.	21	42	.	.	.	.	.	8
EUCHONE INCOLOR?	.	.	.	.	.	.	.	21	.	.	.	2
EXOGONE "SP.A"	.	.	42	.	21	21	63	21	.	42	42	23
EXOGONE ATLANTICA	.	21	.	.	.	.	.	.	.	.	.	2
EXOGONE DISPAR	.	.	.	42	.	.	.	.	.	.	.	4
EXOGONE SP.B	.	.	.	.	21	21	.	.	.	.	.	4
FAUVELIOPSIS SP.B	.	.	21	.	.	42	.	.	.	.	21	8
GLYCERA PAPILLOSA?	.	.	.	21	42	21	63	21	.	.	21	17
GLYCERIDAE	.	.	.	.	.	.	.	.	.	21	.	2
GYPTIS BREVIPALPA	42	.	.	.	.	.	.	.	.	.	.	4
HETEROSPIO LONGISSIMA?	.	.	.	.	63	.	.	.	.	.	21	8
KINBERGONUPHIS SP.A	.	.	.	.	.	.	21	.	.	.	.	2
KINBERGONUPHIS SP.B	.	.	.	21	.	.	.	.	.	.	.	2

Table C-4 (Con't)

Taxa	Cruise III Stations											Overall Density (Transect)
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C[illegible]	C12	
POLYCHAETA (con't)												
LAONICE CIRRATA	.	.	21	.	.	21	.	.	.	.	.	4
LEANIRA HYSTRICUS	21	.	.	.	.	.	.	.	.	.	.	2
LITOCORSA "SP.A"	.	.	63	.	.	.	.	.	.	.	.	6
LUMBRINERIDES ACUTA?	.	.	.	.	21	.	.	.	.	.	.	2
LUMBRINERIS BREVIPES	.	.	.	21	.	.	.	.	.	.	.	2
LUMBRINERIS COCCINEA	.	42	.	.	.	.	.	.	.	.	.	4
LUMBRINERIS SP.	.	.	.	.	.	21	.	.	.	.	.	2
LUMBRINERIS VERRILLI	.	42	.	21	21	.	.	.	.	.	.	8
MAGELONA SP.A	21	.	.	.	.	.	.	.	.	.	.	2
MALDANE "SP.A"	21	.	63	.	800	126	1095	316	.	.	.	220
MALDANIDAE	.	.	.	.	.	21	21	.	.	.	.	4
MALDANIDAE GENUS C	.	.	.	.	.	.	.	.	21	.	.	2
MELINNA CRISTATA	.	63	21	.	.	.	.	.	.	.	.	8
MICRONEPHTHYS MINUTA	63	.	.	.	.	.	.	.	.	.	.	6
MYRIOCHELE HEERI?	.	.	.	.	21	42	.	.	.	.	.	6
MYRIOWENIA SP.A	.	.	.	.	.	21	.	.	.	.	21	4
MYSTIDES BOREALIS	.	.	.	.	.	.	.	.	.	.	21	2
NOTOMASTUS AMERICANUS	.	84	.	.	21	.	.	.	.	.	.	10
NOTOMASTUS LATERICEUS	.	.	.	.	.	21	.	.	.	.	21	4
OPHELIIDAE	21	.	.	.	.	.	.	.	.	.	.	2
OPHELINA SP.A	.	84	.	.	.	.	21	.	.	.	.	10
OPHELINA SP.C	.	.	.	.	.	21	.	.	.	.	.	2
OPHELINA SP.D	.	.	.	21	.	21	.	.	.	.	.	4
OPHELINA SP.F	.	.	.	.	.	21	.	.	.	.	.	2
ORBINIIDAE	.	.	.	.	.	.	.	.	.	.	21	2
PARALACYDONIA PARADOXA	.	.	.	.	126	.	.	.	.	.	.	11
PARAMPHINOME PULCHELLA	.	.	21	21	.	.	.	.	.	.	.	4
PARAONIDAE	.	.	.	.	.	.	.	.	.	.	21	2
PARAONIS CORNATUS	.	.	.	.	.	.	.	.	.	21	.	2
PARAONIS GRACILIS	42	126	.	21	.	.	.	.	21	.	21	21
PARONUPHIS SP.B	.	.	.	.	.	21	.	.	.	.	.	2
PHALACROSTEMMA SP.A	.	.	.	.	.	21	.	.	.	.	.	2
PHOLOE "SP.C"	.	.	.	42	.	.	.	.	.	.	.	4
PHOLOE MINUTA?	.	21	.	.	21	.	.	.	.	.	.	4
PHYLLODOCIDAE	.	.	.	21	.	.	.	.	21	.	.	4
PIONOSYLLIS SP.	.	.	42	.	.	.	.	.	.	.	.	4
PIONOSYLLIS SP.A	.	.	.	.	.	21	.	.	.	.	.	2
PODARKE AGILIS	.	42	.	.	.	.	.	.	.	.	.	4
PODARKEOPSIS SP.A	21	.	.	.	.	.	.	.	.	.	.	2
POECILOCHAETUS SP.B	.	.	.	21	.	.	.	.	.	.	.	2
PRIONOSPIO CIRRIFERA	21	.	.	84	.	.	.	21	.	.	.	11
PRIONOSPIO EHLERSI	84	421	21	21	.	.	.	.	.	.	.	50
PRIONOSPIO SP.	.	.	42	.	.	.	.	.	.	.	.	4
PRIONOSPIO STEENSTRUPI	42	.	.	.	.	.	.	.	.	.	.	4
PROCLEA SP.	.	.	21	.	.	.	.	.	.	.	.	2
PROTOMYSTIDES BIDENTATA	.	.	.	.	21	.	.	.	.	.	.	2
SARSONUPHIS HARTMANAE	.	63	21	21	.	42	.	42	.	.	.	17
SCOLOPLOS RUBRA	.	.	.	.	.	.	.	21	.	.	.	2
SCOLOPLOS SP.	.	.	.	.	.	.	.	.	.	21	.	2

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Table C-4 (Con't)

	Cruise III Stations											
Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Overall Density (Transect)
POLYCHAETA (con't)												
SIGAMBRA TENTACULATA	.	21	.	.	.	.	21	.	.	.	.	4
SPHAEROSYLLIS ACICULA?	.	.	21	.	.	.	.	.	.	.	.	2
SPHAEROSYLLIS GLANDULATA	.	.	.	.	.	.	21	.	.	.	.	2
SPHAEROSYLLIS MAGNIDENTATA	.	.	.	.	.	.	21	.	.	.	.	2
SPHAEROSYLLIS PIRIFEROPSIS	.	.	.	.	.	21	.	.	.	.	.	2
SPIOCHAETOPTERUS COSTARUM	.	.	.	.	21	.	.	.	.	.	.	2
SPIONIDAE	274	189	.	42	21	63	21	.	.	.	42	59
SPIOPHANES BERKELEYORUM	42	147	21	.	.	.	21	.	.	.	.	21
SPIOPHANES BOMBYX	.	.	21	42	21	21	.	.	.	.	.	10
SPIOPHANES MISSIONENSIS	.	.	.	.	.	.	.	.	42	21	.	6
STHENELAIS SP.A	.	.	.	.	84	.	42	.	.	.	.	11
SYLLIDAE	.	.	.	21	.	21	.	.	21	.	63	11
SYLLIS (EHLERSIA) FERRUGINA	.	.	21	.	.	.	63	.	.	.	.	8
SYLLIS (EHLERSIA) SP.B	.	.	21	.	.	.	.	.	.	.	.	2
TACHYTRYPANE SP.A	.	21	.	.	.	.	.	.	.	21	.	4
TACHYTRYPANE SP.C	42	63	.	.	.	.	.	.	.	.	.	10
TEREBELLIDAE	.	.	21	.	21	.	.	.	.	.	.	4
TEREBELLIDES STROEMI	21	21	105	84	42	.	.	.	.	21	.	27
THARYX ANNULOSUS?	21	.	.	.	.	.	.	.	.	.	.	2
THARYX MARIONI	.	84	21	63	.	21	.	.	.	.	147	31
TRICHOBRANCHUS GLACIALIS	.	42	.	.	.	.	.	.	.	.	.	4
TROCHOCHAETA SP.A	.	21	.	.	.	.	.	.	.	.	.	2
	1516	2505	779	842	1558	968	1642	484	147	253	737	1039
GASTROPODA												
ACTEONIDAE	.	.	.	.	.	.	4	.	.	.	.	<1
BENTHOMANGELIA SP.	.	.	4	.	.	4	.	.	.	.	.	<1
BROOKULA SP.	.	.	.	.	.	4	.	.	.	.	.	<1
CIMA SP.	.	.	.	.	.	.	4	.	.	.	.	<1
ECCLISEOGYRA PERFORMOSA	.	.	.	.	4	.	.	.	.	.	.	<1
EULIMIDAE	.	.	.	.	4	.	.	.	.	.	.	<1
GASTROPODA	.	.	4	.	21	.	4	.	.	.	.	3
MELANELLA SP.	.	.	.	.	.	.	.	4	.	.	.	<1
PHILENE SP.	.	.	.	.	.	4	.	.	.	.	.	<1
PYRUNCULUS OVATUS	4	.	.	.	.	.	.	.	.	.	.	<1
RISSOIDAE	.	4	.	.	4	.	.	.	.	.	.	<1
SCAPHANDER SP.	4	.	.	.	.	.	.	.	.	.	.	<1
SKEINIDAE	.	.	.	.	.	4	.	4	.	.	.	<1
	7	4	7	.	32	14	11	7	.	.	.	7
BIVALVIA												
?ASTARTE SP.	.	.	.	.	4	4	.	.	.	.	.	<1
ASTARTE SP.A	.	.	.	7	.	4	11	11	.	.	.	3
BATHYARCA SP.A	.	.	.	.	.	4	14	.	.	.	.	2
BIVALVIA	11	11	4	18	60	39	46	7	11	7	4	19
CARDIOMYA SP.A	.	.	4	.	.	.	.	.	.	.	.	<1

Table C-4 (Con't)

Taxa	Cruise III Stations C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Overall Density (Transect)
BIVALVIA (con't)												
CARDIOMYA SP.B	.	.	.	.	.	4	.	.	4	.	.	<1
CRENELLA SP.A	.	.	.	42	25	35	18	28	.	.	.	13
?CUSPIDARIA SP.	.	.	4	.	.	4	.	.	4	.	7	2
CYCLOPECTEN SP.A	.	.	.	.	.	.	.	4	.	.	.	<1
DACRYDIUM VITREUM	.	4	28	21	4	7	.	.	4	.	.	6
EULAMELLIBRANCH SP.	4	4	18	.	4	.	4	25	.	.	.	5
EULAMELLIBRANCH SP.B	.	4	.	11	35	11	28	11	.	88	18	19
EULAMELLIBRANCH SP.F	7	53	11	.	.	.	.	.	.	.	.	6
LIMA SP.	.	.	4	.	.	.	.	.	.	4	.	<1
LIMOPSIS SP.	.	.	.	.	.	4	11	11	.	.	.	2
?LUCINA SP.	18	14	.	4	.	.	.	.	.	.	.	3
MACRODON (BENTHARCA) ASPERULA	.	.	.	.	.	.	7	4	.	.	.	1
MALLETIA SP.A	.	.	.	4	.	.	.	.	11	53	53	11
MALLETIA SP.B	14	.	7	7	56	18	.	.	.	.	.	9
NUCULA CALLICREDEMNA	4	.	.	.	.	.	.	.	.	.	.	<1
NUCULA SP.A	.	11	14	7	14	18	18	14	.	.	.	9
NUCULA SP.B	.	.	.	.	.	.	4	.	7	.	.	1
NUCULANIDAE (NUCULANA?) SP.D	11	4	.	.	.	.	.	.	.	.	.	1
NUCULANIDAE (THESTYLEDA?) SP.I	4	.	.	.	.	.	.	.	.	.	.	<1
NUCULANIDAE (TINDARIA?) SP.E	4	7	21	.	.	.	.	.	.	.	.	3
NUCULANIDAE (TINDARIA?) SP.G	.	.	.	7	21	.	.	.	.	.	.	3
NUCULANIDAE SP.B	.	.	.	.	4	11	25	4	11	14	4	6
NUCULANIDAE SP.F	.	.	.	.	.	.	.	.	.	7	4	1
NUCULANIDAE SP.H	.	.	.	.	7	11	.	.	4	.	.	2
NUCULANIDAE SP.J	.	.	.	.	.	.	.	.	.	4	.	<1
NUCULANIDAE SP.K	.	.	.	.	.	14	4	.	.	.	.	2
NUCULANIDAE SP.L	.	.	.	.	.	.	4	.	.	.	.	<1
?PECTEN SP.	.	.	.	.	4	4	4	.	.	.	.	1
POLICORDIA SP.A	.	.	.	.	.	.	.	4	4	.	.	<1
PRISTOGLOMA NITENS	.	.	.	.	.	.	.	.	7	.	4	1
PRONUCULA SP.A	.	.	.	.	4	18	7	.	32	.	.	5
TELLINA SP.A	39	.	.	.	.	.	.	.	.	.	.	4
TELLINA SP.B	.	.	.	7	4	.	14	.	.	.	.	2
THYASIRA SP.A	.	.	.	.	.	.	.	.	.	18	.	2
THYASIRA SP.B	.	.	.	.	116	.	.	.	.	.	.	11
?VESICOMYA SP.	.	.	35	84	39	.	42	11	.	.	.	19
YOLDIELLA SP.A	.	.	.	.	.	14	81	84	.	.	.	16
	112	109	147	218	396	218	337	214	95	193	91	194
SCAPHAPODA												
CADULUS SP.	.	.	.	4	.	.	.	.	.	.	.	<1
DENTALIUM CALLITHRIX	.	.	.	.	.	.	4	.	.	.	.	<1
DENTALIUM PERLONGUM	.	4	.	.	.	4	4	.	.	.	.	1
PULSELLUM PRESSUM	.	.	.	.	.	.	4	.	.	.	.	<1
SCAPHOPODA	.	.	.	4	28	11	11	32	.	.	4	8
SIPHONODENTALIIDAE	.	.	.	14	.	4	.	.	28	32	.	7
	.	4	.	21	28	18	21	32	28	32	4	17

Table C-4 (Con't)

	Cruise III Stations											Overall
Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Density (Transect)
OSTRACODA												
ANGULOROSTRUM SP.A	.	.	.	11	25	21	14	18	.	.	.	8
CYLINDROLEBERIDINAE	.	.	4	4	4	.	.	.	.	.	.	1
EUPHILOMEDES SP.A	.	4	235	.	.	.	.	.	.	.	.	22
HARBANSUS SP.	.	4	7	.	.	.	.	.	.	.	.	1
HARBANSUS SP.A	.	7	.	4	53	14	.	.	.	.	.	7
IGENE SP.A	.	.	.	.	4	.	.	.	.	7	.	1
PHILOMEDES SP.A	.	.	18	.	.	.	.	.	.	.	.	2
PODOCOPA	28	25	84	225	309	344	239	151	21	246	77	159
PTEROCYPRIDINA SEX	.	.	.	4	.	.	.	.	.	.	.	<1
SCLERANER SP.A	.	4	.	.	.	.	.	.	.	.	.	<1
	28	42	347	246	393	379	253	168	21	253	77	201
CUMACEA												
APOCUMA N.SP.I	.	.	.	.	4	4	.	.	.	.	.	<1
BATHYCUMA NATALENSE?	.	.	.	.	.	4	.	.	.	.	.	<1
CAMPYLASPIS BICARINATA	.	.	4	.	.	.	.	.	.	.	.	<1
CAMPYLASPIS COGNATA	.	.	.	.	.	.	7	.	.	.	.	<1
CAMPYLASPIS N. SP. (CF. PLICATA)	.	.	.	.	.	4	.	.	.	.	.	<1
CAMPYLASPIS SPINOSA	.	.	.	.	4	.	.	.	.	.	.	<1
CUMELLA ACULEATA	.	.	.	.	.	4	.	.	.	.	.	<1
CUMELLA ANGUSTATA	.	.	.	.	4	.	.	.	.	.	.	<1
CUMELLA BISHOPI	.	.	.	.	.	7	.	4	.	.	.	1
CUMELLA COMPACTA?	.	.	.	.	28	4	.	.	.	.	.	3
CUMELLA DAYAE	.	.	7	.	.	.	.	.	.	.	.	<1
CUMELLA ERECTA	.	.	.	4	7	.	.	.	.	.	.	1
CUMELLOPSIS BICOSTATA	.	.	.	.	.	.	4	.	.	.	.	<1
CUMELLOPSIS LAEVIS	.	.	.	.	4	.	.	.	.	.	.	<1
DIASTYLIS N.SP.H	.	.	4	.	.	.	.	.	.	.	.	<1
EPILEUCON SP.	.	.	.	.	.	.	.	.	.	4	.	<1
EPILEUCON TENUIROSTRIS?	.	.	.	.	4	.	11	4	.	.	.	2
EUDORELLA N. SP.C	14	.	.	.	.	.	4	.	.	.	.	2
LEPTOSTYLIS MANCOIDES	.	.	.	.	.	4	.	.	.	.	.	<1
LEPTOSTYLUS MACRURA	.	.	4	.	.	.	4	.	.	.	.	<1
LEUCON N. SP. (CF. MACRORHINUS)	.	.	.	7	.	.	.	.	.	.	.	<1
LEUCON SERRATUS?	.	.	.	.	4	.	.	.	.	.	.	<1
LEUCON TENER?	.	.	.	.	.	.	4	.	.	.	11	1
LEUCON TURGIDULUS	.	.	.	.	.	.	.	.	.	.	4	<1
MACROKYLINDRUS SP.	.	.	4	.	.	.	.	.	.	.	.	<1
MURILAMPROPS BRASILIENSIS	.	.	.	.	.	.	.	.	.	4	4	<1
PETALOSARSIA LONGIROSTRIS	.	.	.	.	.	.	4	.	.	.	.	<1
PLATYCUMA CANDIDA	.	.	.	.	.	.	4	.	.	.	.	<1
PROCAMPYLASPUS ACANTHOMMA	4	.	.	.	18	.	.	.	.	.	.	2
VEMAKYLINDRUS N.SP. (CF. COSTARICANUS	.	.	.	7	.	.	.	.	.	.	.	<1
	18	.	21	18	74	28	39	7	.	7	18	21

Table C-4 (Con't)

	Cruise III Stations											
Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Overall Density (Transect)
TANAIDACEA												
AGATHOTANAIS SP.1	.	.	.	.	53	4	.	.	11	.	.	6
ANARTHRURIDAE SP.2	.	.	.	4	.	4	.	7	.	.	.	1
ANARTHRURIDAE SP.3	.	.	.	.	14	.	.	.	.	.	.	1
ANARTHRURIDAE SP.4	.	.	.	.	32	7	4	4	.	.	.	4
APSEUDES SP.1	.	.	.	.	.	4	4	.	.	.	.	<1
APSEUDES SP.2	4	4	.	.	.	.	4	.	.	.	.	1
APSEUDES SP.5	.	.	4	.	.	.	.	.	.	.	.	<1
APSEUDES SP.6	.	.	.	60	.	.	.	.	.	.	.	5
APSEUDES SP.7	.	.	.	.	.	4	4	.	.	.	.	<1
APSEUDIDAE	.	.	.	.	4	.	.	.	.	.	.	<1
APSEUDIDAE SP.1	.	.	21	.	.	.	.	4	.	.	.	2
APSEUDIDAE SP.3 (GENUS C)	.	.	.	.	.	4	.	4	.	.	.	<1
APSEUDIDAE SP.4	.	.	4	.	.	.	.	.	.	.	.	<1
LEPTOGNATHIA SP.	.	.	4	4	35	4	11	4	.	.	.	5
LEPTOGNATHIA SP.1	.	.	.	.	7	.	.	.	.	4	.	1
LEPTOGNATHIA SP.14	.	7	.	.	28	.	.	.	.	.	.	3
LEPTOGNATHIA SP.15	.	.	7	21	21	14	.	7	.	4	.	7
LEPTOGNATHIA SP.2	4	.	.	.	.	.	.	.	.	4	.	<1
LEPTOGNATHIA SP.28	.	.	.	.	.	.	.	.	.	11	.	1
LEPTOGNATHIA SP.30	.	.	.	.	4	.	.	4	.	.	.	<1
LEPTOGNATHIA SP.32	.	4	.	.	14	.	.	.	.	.	.	2
LEPTOGNATHIA SP.34	.	.	.	.	.	4	.	.	.	.	.	<1
LEPTOGNATHIA SP.37	.	.	.	21	.	.	.	.	.	4	.	2
LEPTOGNATHIA SP.41	.	.	.	.	4	.	18	4	.	.	.	2
LEPTOGNATHIA SP.42	.	.	.	.	4	.	4	.	.	.	.	<1
LEPTOGNATHIA SP.46	.	.	.	.	.	.	.	4	.	4	.	<1
LEPTOGNATHIA SP.47	.	.	.	.	.	.	4	.	.	11	.	1
LEPTOGNATHIA SP.51	4	.	4	4	11	28	.	.	.	.	.	4
LEPTOGNATHIA SP.52	.	.	.	.	.	.	4	.	.	.	.	<1
LEPTOGNATHIA SP.55	.	.	.	.	18	.	4	7	.	.	.	3
LEPTOGNATHIA SP.57	.	.	.	.	130	.	.	.	.	.	.	12
LEPTOGNATHIA SP.6	.	.	4	4	21	.	.	.	.	.	.	3
LEPTOGNATHIA SP.61	.	.	.	.	.	.	.	.	4	.	.	<1
LEPTOGNATHIA SP.62	.	.	.	.	.	.	.	4	7	.	.	1
LEPTOGNATHIA SP.64	.	.	.	.	.	.	4	.	.	.	7	1
LEPTOGNATHIA SP.72	.	.	.	.	4	.	.	.	.	.	.	<1
LEPTOGNATHIA SP.73	.	.	.	4	7	4	.	.	.	.	.	1
LEPTOGNATHIA SP.74	.	11	.	.	.	.	.	.	.	.	.	1
LEPTOGNATHIA SP.75	7	.	.	.	.	4	.	.	.	.	.	1
LEPTOGNATHIA SP.76	.	.	.	4	.	.	.	.	.	.	.	<1
LEPTOGNATHIA SP.77	.	.	.	.	.	4	4	4	.	.	.	1
LEPTOGNATHIA SP.78	.	.	.	.	.	4	.	.	.	.	.	<1
LEPTOGNATHIA SP.79	.	.	.	.	.	.	.	.	.	7	.	<1
LEPTOGNATHIA SP.8	.	.	18	.	.	.	.	.	.	.	.	2
LEPTOGNATHIA SP.80	.	.	.	.	.	.	.	.	.	4	.	<1
LEPTOGNATHIA SP.81	.	.	.	.	.	.	.	.	4	.	.	<1
LEPTOGNATHIA SP.B MALE	.	.	.	.	.	.	4	.	.	.	.	<1

Table C-4 (Con't)

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Overall Density (Transect)
TANAIDACEA (con't)												
LEPTOGNATHIA SP.C MALE	.	.	.	4	.	4	.	.	.	.	.	<1
LEPTOGNATHIA SP.J MALE	.	.	.	.	4	.	.	.	.	.	.	<1
LEPTOGNATHIA SP.K MALE	.	.	.	4	.	.	.	.	.	.	.	<1
LEPTOGNATHIA SP.L MALE	.	.	.	.	.	.	.	.	4	.	.	<1
LEPTOGNATHIA SP.M MALE	.	.	.	.	.	.	.	.	.	.	4	<1
LEPTOGNATHIIDAE GENUS B	.	.	.	.	4	.	.	.	.	.	.	<1
NEOTANAIS SP.1	.	.	14	.	4	.	4	.	.	.	.	2
PARANARTHRURA INSIGNIS?	.	.	4	4	.	.	7	.	.	.	.	1
PARANARTHRURA SP.1	.	.	.	.	.	4	7	.	.	.	.	1
PARANARTHRURA SP.2	.	.	.	.	.	.	.	4	.	.	.	<1
PARANARTHRURA SP.4	.	.	.	.	7	.	.	.	4	.	.	1
PARANARTHRURA SP.5	.	.	4	.	21	.	.	.	.	.	.	2
PARATANAIDAE SP.1	.	4	4	.	.	.	.	.	.	.	.	<1
PARATANAIDAE SP.2	.	.	21	28	7	7	14	4	.	.	.	7
PSEUDOTANAIDAE	.	.	.	.	4	.	.	.	.	.	.	<1
PSEUDOTANAIS SP.1	.	18	4	11	4	11	11	7	.	4	11	7
PSEUDOTANAIS SP.2	.	.	.	.	.	.	.	4	.	.	.	<1
SPHYRAPHUS SP.1	.	.	.	.	.	.	.	4	.	.	.	<1
SPHYRAPHUS SP.2	.	.	.	.	4	.	4	.	.	.	.	<1
STROGYLURA SP.1	.	.	.	.	11	.	.	4	.	.	7	2
STROGYLURA SP.2	.	.	.	.	11	7	4	11	.	.	.	3
TANAELLA SP.1	.	.	7	.	18	28	4	7	.	4	4	6
TYPHLOTANAIS SP.	.	.	.	4	.	.	4	4	.	.	.	1
TYPHLOTANAIS SP.1	.	.	.	14	.	39	11	7	.	4	.	7
TYPHLOTANAIS SP.11	.	.	.	.	.	.	.	4	.	.	.	<1
TYPHLOTANAIS SP.15	.	.	.	.	.	.	.	.	.	.	4	<1
TYPHLOTANAIS SP.17	.	.	.	.	.	4	.	.	.	.	.	<1
TYPHLOTANAIS SP.2	11	.	.	.	.	.	.	.	.	.	.	1
	28	46	119	189	502	189	133	109	32	60	35	131
ISOPODA												
ACANTHOCOPE SP.231	.	.	.	4	7	.	14	4	.	.	.	3
ANTHOCOPE SP.295	.	.	.	.	.	.	7	.	.	.	.	<1
ANTHURIDAE (SP.259)	.	.	4	.	4	.	.	.	.	.	.	<1
BALBIDOCOLON SP.267	.	.	.	.	4	.	7	.	.	.	.	1
BETAMORPHA SP.292	.	.	.	.	.	.	.	.	.	4	.	<1
CHELATOR SP.212	.	4	.	4	7	.	.	.	.	.	4	2
CHELATOR SP.237	.	.	.	.	14	7	11	14	4	4	.	5
CHELATOR SP.251	.	.	.	.	.	4	11	.	.	.	.	1
CYATHURA SP.263	.	.	4	.	.	.	.	.	.	.	.	<1
DENDROTION SP.246	.	.	.	.	.	.	4	.	.	.	.	<1
DESMOSOMA SP.260	.	7	.	.	.	.	.	7	.	.	.	1
DISCONECTES SP.262	.	.	.	.	4	.	.	.	.	.	.	<1
DISPARELLA SP.274	.	.	.	.	.	.	4	.	.	.	.	<1
ECHINOPLEURA SP.291	.	.	.	.	.	.	4	4	.	.	.	<1
EUGERDA SP.215	.	.	.	.	7	7	18	7	.	.	4	4
EUGERDA SP.236	.	.	4	.	.	4	.	.	.	.	.	<1
EUGERDA SP.289	11	.	.	.	.	.	.	.	.	.	.	1

Table C-4 (Con't)

Taxa	Cruise III Stations											Overall Density (Transect)
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	
ISOPODA (con't)												
EUGERDELLA SP.229	.	.	.	7	4	.	.	.	.	.	.	1
EUGERDELLA SP.241	.	.	.	.	7	.	.	4	.	.	.	1
EURYCOPIDAE N. GEN. B (SP.271)	.	.	.	.	.	7	.	.	.	.	.	<1
EXILINISCUS SP.232	.	.	.	.	.	.	4	.	.	.	.	<1
EXILINISCUS SP.255	.	.	.	.	.	4	.	.	11	.	4	2
GNATHIA SP.201	.	.	.	.	4	.	.	.	.	.	.	<1
GNATHIA SP.226	.	.	4	.	4	4	.	.	.	.	.	1
HAPLOMESUS SP.239	.	.	.	.	.	.	4	4	.	.	.	<1
HAPLONISCUS SP.234	.	.	.	.	7	4	.	.	.	.	.	1
HAPSIDOHEDRA SP.245	.	.	.	4	7	.	4	.	.	.	.	1
HETEROMESUS SP.288	.	.	.	.	.	.	.	.	4	.	.	<1
ILYARACHNA SP.218	.	.	4	.	11	4	.	7	.	.	.	2
ISCHNOMESUS SP.	.	.	.	.	.	.	.	.	.	.	4	<1
ISCHNOMESUS SP.208	.	.	.	.	25	4	.	.	.	.	.	3
ISCHNOMESUS SP.222	.	.	.	.	4	.	.	.	.	.	.	<1
ISCHNOMESUS SP.227	.	.	.	4	11	.	.	.	.	.	.	1
ISCHNOMESUS SP.247	.	.	.	.	.	.	.	.	4	.	.	<1
ISCHNOMESUS SP.275	.	.	.	.	.	.	7	7	.	.	4	2
ISCHNOMESUS SP.276	.	.	.	.	.	.	4	.	.	4	.	<1
LEPTANTHURA SP.219	.	.	.	.	7	7	.	.	.	.	.	1
LIPOMERA SP.280	.	.	.	.	.	4	.	.	.	.	.	<1
MACROSTYLUS SP.223	.	.	.	7	21	.	.	.	.	.	.	3
MACROSTYLUS SP.256	.	.	.	.	.	4	.	49	.	11	32	9
MALACANTHURA SP.294	.	.	.	.	.	.	4	.	.	.	.	<1
MIRABILICOXA SP.253	.	.	.	.	7	.	.	.	.	.	.	<1
MIRABILICOXA SP.254	.	.	.	.	.	.	.	.	.	4	.	<1
MIRABILICOXA SP.261	.	.	11	.	.	.	.	4	.	.	4	2
MOMEDOSSA SP.268	.	.	.	.	.	.	.	11	.	4	.	1
NANNONISCONUS SP.240	.	.	.	.	.	.	4	.	.	.	.	<1
NOTOXENOIDES SP.206	.	.	.	.	11	4	.	.	.	.	.	1
PANETELA SP.224	.	.	.	.	.	.	.	.	.	.	4	<1
PROCHELATOR SP.202	60	81	.	.	.	.	.	.	.	.	.	13
PROCHELATOR SP.209	.	4	4	.	11	.	7	.	.	4	.	3
PROCHELATOR SP.228	.	.	.	4	14	.	.	.	.	.	.	2
PROCHELATOR SP.235	.	4	.	.	.	7	.	.	.	4	.	1
PROCHELATOR SP.238	.	.	.	.	.	7	.	.	.	.	.	<1
PROCHELATOR SP.290	.	.	.	4	7	.	.	.	.	25	.	3
PSEUDARACHNA SP.281	.	.	.	.	4	.	.	.	.	.	.	<1
PSEUDOMESUS SP.293	.	.	.	.	.	.	.	.	4	.	4	<1
RAPANISCUS SP.265	.	.	.	.	.	4	4	25	.	.	.	3
REGABELLATOR SP.221	.	.	.	4	.	.	.	.	.	.	.	<1
THAMBEMA SP.243	.	.	.	.	.	.	11	.	4	.	.	1
THAUMASTASOMA SP.279	.	.	.	.	.	.	.	4	.	4	.	<1
TORWOLIA SP.203	.	.	.	7	11	11	4	.	.	.	.	3
WHOIA SP.216	.	.	4	.	4	4	7	7	.	.	.	2
WHOIA SP.225	.	.	.	.	4	.	.	.	.	.	.	<1
WHOIA SP.264	.	.	4	.	.	.	.	.	.	.	.	<1
WHOIA SP.270	.	.	.	.	7	.	.	.	.	.	.	<1
	70	98	39	46	232	95	137	154	28	63	60	93

Table C-4 (Con't)

Taxa	Cruise III Stations C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Overall Density (Transect)
AMPHIPODA												
AMPELISCA AGASSIZI	.	11	.	.	.	.	.	.	.	.	.	1
AMPELISCA PACIFICA?	11	.	.	.	.	.	.	.	.	.	.	1
AMPELISCA SP.	4	.	.	.	.	.	.	.	.	.	.	<1
AMPELISCA SP.2	.	.	.	.	.	7	7	14	.	.	.	3
AMPHIPODA	11	11	.	4	28	11	18	4	.	.	.	8
BYBLIS N.SP.1	.	4	.	.	.	.	.	.	.	.	.	<1
BYBLIS SP.	14	.	.	.	.	.	7	.	.	.	.	2
CARANGOLIA N.SP.1	.	.	4	.	.	.	.	.	.	.	.	<1
COROPHIIDAE	.	39	.	.	.	7	.	.	.	.		4
HARPINIINAE	4	18	.	.	.	.	28	.	.	4	.	5
LEPTOPHOXUS	.	.	.	.	14	.	.	.	.	.	.	1
LEUCOTHOE SP.1	.	.	.	.	.	4	4	.	.	.	.	<1
LILJEBORGIIDAE	.	.	.	4	7	7	.	.	.	.	.	2
LYSIANASSIDAE	4	.	.	7	.	.	7	4	.	.	.	2
MAYERELLA REDUNCA	.	.	.	.	.	4	.	.	.	.	.	<1
MAYERELLA SP.	.	.	.	.	.	11	.	.	.	.	.	1
MELITA SP.1	.	.	4	7	.	4	.	.	.	.	.	1
MELITA SP.2	.	7	7	.	4	.	.	.	4	.	.	2
MELITA SP.3	.	.	.	.	4	.	.	.	.	.	.	<1
PARDISYNOPIA N.SP.1	.	.	7	7	11	14	7	.	.	.	.	4
PHOXOCEPHALIIDAE	.	.	4	.	.	4	.	.	.	7	.	1
PHOXOCEPHALUS SP.	.	.	11	14	144	25	11	4	.	.	.	19
SYNOPIIDAE	.	.	.	.	.	.	21	.	.	.	.	2
SYNOPIIDAE SP.5	.	.	.	.	11	4	.	4	.	.	.	2
SYRRHOE N. SP. 1	.	.	.	.	.	.	4	.	4	.	.	<1
	46	88	35	42	221	98	112	28	7	11	.	63
DECAPODA												
CALLIANASSIDAE	.	.	.	.	4	.	.	.	.	.	.	<1
	.	.	.	.	4	.	.	.	.	.	.	0
SIPUNCULA												
ASPIDOSIPHON SP.	.	.	.	.	.	7	.	.	.	.	.	<1
GOLFINGIA SP.	4	.	.	.	.	.	.	.	.	.	.	<1
GOLFINGIA SP.B	.	.	.	.	.	.	.	.	.	4	.	<1
GOLFINGIA SP.J	.	.	4	.	.	4	.	4	.	.	.	1
GOLFINGIA SP.N	4	.	.	.	.	.	.	.	.	.	.	<1
GOLFINGIA SP.O	.	.	.	4	.	.	.	.	.	.	.	<1
GOLFINGIA SP.P	.	.	.	.	4	.	.	.	.	.	.	<1
PHASCOLION SP.C	.	.	.	4	.	.	.	.	.	.	.	<1
SIPUNCULA	.	.	.	.	4	.	.	.	.	.	.	<1
SIPUNCULIDAE	.	.	.	.	14	7	4	4	4	.	.	3
	7	.	4	7	21	18	4	7	4	4	.	7

Table C-4 (Con't)

Taxa	Cruise III Stations C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Overall Density (Transect)
BRYOZOA												
CHEILOSTOMATA SP.2166	.	.	.	.	.	11	25	4	7	.	.	4
CHEILOSTOMATA SP.2333	.	.	.	.	.	.	.	.	7	.	.	<1
CTENOSTOMATA SP.2281	.	.	.	.	.	.	.	.	.	4	.	<1
CTENOSTOMATA SP.2314	.	.	.	.	.	.	.	32	.	.	.	3
CTENOSTOMATA SP.2320	.	.	.	4	.	.	.	.	.	.	.	<1
EUGINOMA CAVALIERI	.	.	4	14	.	14	32	42	116	.	.	20
EUGINOMA N.SP.	.	.	.	.	.	.	.	.	53	32	.	8
HELIODOMA SP.	.	.	.	.	.	.	.	7	.	.	.	<1
MEMBRANIPORA TUBERCULATA	.	.	.	.	.	.	.	11	.	.	.	1
METALCYONIDIUM SP.	.	.	.	.	.	4	.	.	.	.	.	<1
METRARABDOTOMORPHA AENIGMATISTES	.	.	.	.	.	.	.	4	.	.	.	<1
NOLELLA SP.	.	.	.	.	7	11	21	4	161	4	4	19
PSEUDALCYONIDIUM SP.	.	.	4	.	.	.	.	.	.	.	.	<1
SCLERODOMUS SP.	.	.	.	.	.	.	.	.	42	.	.	4
SPHAERULOBRYOZOON PEDUNCULATUM	.	.	11	.	.	14	18	7	.	.	.	4
SPHAERULOBRYOZOON SP.	.	.	.	.	.	.	4	4	.	.	.	<1
	.	.	18	18	7	53	98	112	386	39	4	67
BRACHIOPODA												
ARGYROTHECA N.SP.	.	.	.	.	.	.	.	.	4	.	.	<1
CRYPTOPORA RECTIMARGINATA	.	.	.	.	4	7	4	.	154	25	.	18
	.	.	.	.	4	7	4	.	158	25	.	18
ASTEROIDEA												
ASTEROIDEA	4	.	.	.	.	.	.	.	.	.	.	<1
?TOSIA SP.	.	.	.	.	4	.	.	.	.	.	.	<1
	4	.	.	.	4	.	.	.	.	.	.	1
ECHINOIDEA												
ACESTE BELLIDIFERA	.	.	4	.	.	.	4	.	.	4	4	1
	.	.	4	.	.	.	4	.	.	4	4	1
HOLOTHUROIDEA												
ASPIDOCHIROTIDAE	.	.	.	.	.	.	.	4	.	.	.	<1
BENTHODYTES SP.	.	.	.	.	.	.	.	4	.	.	.	<1
ECHINOCUCUMIS HISPIDA	.	.	.	.	.	.	.	.	4	.	.	<1
HOLOTHUROIDEA	.	.	.	.	.	.	.	4	.	.	.	<1
MOLPADIA SP.	.	.	.	4	.	.	.	.	.	.	.	<1
MYRIOTROCHUS SP.	.	.	.	.	.	.	.	.	.	11	.	1
PROTANKYRA SP.	.	.	.	.	7	18	.	.	.	7	.	3
PSEUDOSTICHOPUS SP.	.	.	.	.	.	.	11	.	4	.	.	1
	.	.	.	4	7	18	11	11	7	18	.	7

Table C-4 (Con't)

Taxa	Cruise III Stations C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Overall Density (Transect)
CRINOIDEA												
DEMOCRINUS BREVIS	.	.	.	.	.	.	4	.	.	.	.	<1
	.	.	.	.	.	.	4	.	.	.	.	0
ASCIDIACEA												
ASCIDIACEA	.	.	.	.	.	.	.	.	4	.	.	<1
BATHYSTYELOIDES N. SP.	.	.	.	.	.	.	4	4	.	.	.	<1
DICARPA SIMPLEX	.	.	.	7	.	.	7	28	4	.	.	4
MINIPERA N.SP.	.	.	.	.	.	.	4	4	.	.	.	<1
MINIPERA PEDUNCULATA	.	.	.	.	.	.	.	.	.	4	.	<1
MINIPERA SP.	.	.	.	.	.	.	4	.	.	.	.	<1
PSEUDODIAZONA ABYSSA	.	.	.	.	.	.	4	4	.	.	.	<1
STYELIDAE	.	.	.	.	.	4	.	.	.	.	.	<1
	.	.	.	7	.	4	21	39	7	4	.	7

Table C-5. Station counts for macrofaunal species from boxcore samples of Cruises I-III.

Taxa	Cruise I Stations C 1	C 2	C 3	C 4	C 5	Total
PORIFERA						
?CHONDROCLADIA SP.	.	.	.	1	.	1
?DRAGMATELLA SP.	.	.	.	.	.	.
?ESPERIOPSIS PULCHELLA	.	.	.	.	1	1
HADROMERIDA SP.	.	.	.	.	.	.
?HAMACANTHA SP.	.	.	.	.	.	.
?HOMOSCLEROMORPHA	.	.	.	.	.	.
HYALONEMATIDAE	.	.	.	.	.	.
?HYMEDESMIIDAE	.	.	.	.	.	.
LITHISTIDA SP.	.	.	.	.	.	.
MYCALE SP.A	.	.	.	.	.	.
MYCALE SP.B	.	1	.	.	.	1
MYCALE SP.C	.	.	.	.	.	.
MYCALE SP.D	.	.	.	.	.	.
MYCALE SP.E	.	.	.	.	.	.
?OXYCORDYLA SP.	.	.	.	.	.	.
PLAKINIDAE SP.A	.	.	1	.	.	1
PLAKINIDAE SP.B	.	.	.	.	.	.
PLAKINIDAE SP.C	.	.	.	.	.	.
POECILOSCERIDA	.	.	.	.	.	.
POLYMASTIA POLYTYLOTA?	.	.	.	.	.	.
POLYMASTIA SP.	.	.	.	.	.	.
POLYMASTIIDAE	.	.	.	.	.	.
STYLOCORDYLA SP.	.	.	.	.	.	.
?SUBERITIDAE SP.A	.	.	.	.	.	.
?SUBERITIDAE SP.B	.	.	.	.	.	.
SUBERITIDAE SP.C	.	.	.	.	.	.
TETHYA SP.A	.	.	.	.	.	.
TETILLA SP.B	.	.	.	.	.	.
THENEA SP.A	.	.	.	.	.	.
THENEA SP.B	.	.	.	.	.	.
THENEA SP.C	.	.	.	3	.	3
	.	1	1	4	1	7
HYDROZOA						
AGLAOPHENIA LATECARINATA	.	.	.	.	.	.
CORYMORPHIDAE SP.1	.	.	.	.	.	.
EUCUSPIDELLA SP.	.	.	.	.	.	.
OBELIA BIDENTATA	.	.	.	.	.	.
OBELIA DICHOTOMA	.	.	.	.	.	.
OPERCULARELLA SP.	.	.	.	.	.	.
PANDEIDAE	.	.	.	.	.	.
STYLACTIS SP.	.	.	.	.	.	.
TUBULARIIDAE	.	.	.	.	.	.
	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise I Stations					
	C 1	C 2	C 3	C 4	C 5	Total
ACTINIARIA						
ACTINIARIA	.	.	.	.	.	.
ACTINIARIAN LARVAE	.	.	.	.	.	.
?HALCAMPOIDIDAE	.	.	.	.	.	.
	.	.	.	.	.	.
SCLERACTINEA						
DELTOCYATHUS SP.	.	.	.	.	.	.
DENDROPHYLLIA ALTERNATA	.	.	.	.	.	.
SCHIZOCYATHUS FISSILIS	.	.	.	.	.	.
SCLERACTINIA	.	.	.	.	.	.
	.	.	.	.	.	.
POLYCHAETA						
ACROCIRRIDAE	.	.	.	4	1	5
AEDICIRA SP.	.	1	5	14	30	50
AGLAOPHAMUS CIRCINATA	2	8	.	.	.	10
AGLAOPHAMUS VERRILLI	.	.	.	.	.	.
AGLAOPHAMUS/INERMONEPHTYS SP.	5	.	.	.	.	5
AMPHARETE "SP.A"	.	1	1	4	.	6
AMPHARETIDAE	.	14	3	5	.	22
AMPHARETIDAE GENUS A	1	.	.	.	.	1
AMPHARETIDAE GENUS B	3	.	.	.	.	3
AMPHARETIDAE GENUS C	.	.	.	.	.	.
AMPHARETIDAE GENUS D	.	.	.	.	.	.
AMPHARETIDAE GENUS E	.	.	.	.	.	.
AMPHICTEIS GUNNERI	.	1	.	.	.	1
AMPHICTEIS SCAPHOBRANCHIATA	.	.	.	.	.	.
AMPHINOMIDAE	.	.	.	.	4	4
ANAITIDES MUCOSA	.	.	.	.	.	.
ANCISTROSYLLIS "SP.A"	.	.	2	.	.	2
AONIDES SP.	.	.	.	.	.	.
APHRODITIDAE	.	.	.	.	.	.
ARABELLIDAE	.	.	.	.	.	.
ARENICOLIDAE	.	.	.	1	.	1
ARICIDEA (ACMIRA) SIMPLEX	.	.	.	.	.	.
ARICIDEA (ARICIDEA) FRAGILIS	.	.	.	.	.	.
ARICIDEA CATHERINAE	.	4	1	.	2	7
ARICIDEA CERRUTI	.	.	7	3	.	10
ARICIDEA SUECICA	69	33	23	16	6	147
ARICIDEA TAYLORI	.	.	.	.	.	.
ARICIDEA TRILOBATA?	.	.	.	3	.	3
ARICIDEA WASSI?	.	.	.	.	.	.
ASCLEROCHEILUS BERINGIANUS	.	.	.	.	.	.
ASCLEROCHEILUS SP.A	.	.	.	.	1	1
ASYCHIS ATLANTICUS	.	2	.	.	.	2
AUCHENOPLAX CRINITA	1	.	.	.	.	1

Table C-5 (Con't)

Taxa	Cruise I Stations					
	C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
AUGENERIA BIDENS	.	.	.	.	5	5
AUTOLYTUS SP.A	1	.	.	.	.	1
BRADA SP.A	.	.	.	1	.	1
BRADA VILLOSA	.	.	.	.	.	.
CALIFIA CALIDA	.	.	.	.	.	.
CALIFIA SP.A	1	.	.	.	.	1
CALIFIA SP.B	.	.	1	.	.	1
CAPETOMASTUS SP.A	.	.	.	.	1	1
CAPITELLA CAPITATA	.	1	.	.	.	1
CAPITELLIDAE	4	.	2	1	.	7
CAPITELLIDAE GENUS A	4	5	3	1	5	18
CAPITELLIDAE GENUS B	.	.	1	.	.	1
CAPITELLIDAE GENUS C	.	1	.	2	.	3
CAPITELLIDAE GENUS D	.	.	.	2	.	2
CAPITELLIDAE GENUS E	.	.	.	.	.	.
CAPITELLIDAE GENUS F	.	.	.	.	.	.
CAPITELLIDAE GENUS G	.	.	.	.	.	.
CAPITELLIDAE GENUS H	.	.	.	.	.	.
CAPITELLIDAE GENUS I	.	.	.	.	.	.
CAPITELLIDAE GENUS K	.	.	.	.	.	.
CAPITELLIDAE GENUS L	.	.	.	.	.	.
CAPITELLIDAE GENUS M	.	.	.	.	.	.
CAPITELLIDAE GENUS N	.	.	.	.	.	.
CAPITELLIDAE GENUS O	.	.	.	.	.	.
CAPITELLIDAE GENUS P	.	.	.	.	.	.
CAPITELLIDAE GENUS Q	.	.	.	.	.	.
CAPITELLIDAE GENUS R	.	.	.	.	.	.
CAPITELLIDAE GENUS S	.	.	.	.	.	.
CAPITELLIDAE GENUS T	.	.	.	.	.	.
CAPITELLIDAE GENUS U	.	.	.	.	.	.
CAPITELLIDAE GENUS V	.	.	.	.	.	.
CAPITELLIDAE GENUS W	.	.	.	.	.	.
?CAPITELLIDES SP.	1	.	.	.	.	1
CAPITOMASTUS SP.B	.	.	.	.	.	.
CAULLERIELLA CAPENSIS?	.	.	1	.	.	1
CAULLERIELLA SP.A	.	.	.	.	.	.
CERATOCEPHALE LOVENI	.	.	.	1	.	1
CERATOCEPHALE OCULATA	.	4	.	3	1	8
CHAETOPTERIDAE	.	.	.	4	.	4
CHAETOZONE "SP.C"	.	.	.	.	.	.
CHAETOZONE "SP.D"	.	.	.	.	.	.
CHONE SP.A	4	1	1	.	.	6
CHONE SP.B	.	.	.	.	.	.
CHONE SP.C	.	.	.	.	.	.
CHONE SP.D	.	.	.	.	.	.
CHONE SP.E	.	.	.	.	.	.
CHONE SP.F	.	.	.	.	.	.
CHONE SP.G	.	.	.	.	.	.
CIRRATULIDAE	.	.	2	.	.	2

Table C-5 (Con't)

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
CIRRATULUS SP.	.	.	1	.	.	1
CIRROPHORUS BRANCHIATUS	.	1	.	.	.	1
CIRROPHORUS LYRA	.	1	3	6	1	11
CIRROPHORUS SP.	.	1	.	.	.	1
CLYMENELLA TORQUATA	.	.	.	.	.	.
CLYMENURA SP.A	1	.	.	.	.	1
COSSURA DELTA	9	1	.	.	4	14
DECAMASTUS SP.A	.	.	.	.	.	.
DIPLOCIRRUS "SP.A"	.	.	1	.	.	1
DIPLOCIRRUS? SP.B	.	.	.	.	.	.
DIPLOCIRRUS CAPENSIS	.	1	9	5	.	15
DORVILLEA SOCIABILIS	2	.	.	.	.	2
DORVILLEIDAE	.	.	.	1	.	1
EHLERSILEANIRA INCISA	.	.	.	.	.	.
ETEONE SP.A	1	.	.	.	.	1
EUCHONE "SP.A"	.	.	.	.	.	.
EUCHONE CAPENSIS?	.	.	.	.	.	.
EUCHONE INCOLOR?	2	1	.	.	.	3
EULALIA SP.A	.	.	.	.	.	.
EUNICIDAE	1	.	.	.	.	1
EUPOLYMNIA SP.A	.	.	.	.	.	.
EUPOLYMNIA SP.B	.	.	.	.	.	.
EURYSYLLIS SP.A	.	1	.	.	.	1
EUSYLLIS LAMELLIGERA	.	.	.	.	.	.
EXOGONE "SP.A"	.	1	1	15	20	37
EXOGONE ATLANTICA	.	6	6	2	4	18
EXOGONE DISPAR	.	.	.	.	.	.
EXOGONE LONGICIRRUS?	1	10	9	.	.	20
EXOGONE SP.	.	.	.	1	1	2
EXOGONE SP.B	.	.	1	4	.	5
EXOGONE SP.C	.	.	.	1	.	1
EXOGONE SP.D	.	.	.	.	.	.
EXOGONINAE GENUS A	1	.	.	.	.	1
FABRICIA SP.A	.	.	.	.	.	.
FAUVELIOPSIS SP.B	.	4	1	2	7	14
FLABELLIDERMA SP.	.	.	3	.	.	3
FLABELLIGELLA PAPILLATA	.	.	1	.	.	1
FLABELLIGELLA SP.A	.	.	2	.	.	2
FLABELLIGERIDAE	.	1	.	.	.	1
GLYCERA PAPILLOSA?	.	2	5	14	2	23
GLYCERA SP.A	1	.	.	.	.	1
GLYCERA SP.B	.	.	1	.	.	1
GLYCERA SP.C	1	1	.	.	.	2
GLYCERIDAE	1	.	2	1	.	4
GLYCINDE NORDMANNI	.	1	.	.	.	1
GONIADA SP.A	.	.	.	1	.	1
GONIADA SP.B	.	.	.	.	.	.
GYPTIS BREVIPALPA	.	.	.	.	.	.
GYPTIS SP.A	1	.	.	.	.	1

Table C-5 (Con't)

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
GYPTIS SP.B	.	.	.	.	.	.
HAPLOSCOLOPLOS SP.A	1	.	.	.	.	1
HESIONIDAE	2	1	.	.	.	3
HESIOSPINA SP.A	.	1	.	.	.	1
HETEROMASTUS SP.A	.	.	.	.	.	.
HETEROSPIO "SP.A"	.	2	.	.	.	2
HETEROSPIO LONGISSIMA?	.	1	.	.	.	1
HETEROSPIO SP.	.	.	.	.	.	.
HYALINOECIA TUBICOLA	.	.	.	.	.	.
HYBOSCOLEX LONGISETA?	.	1	1	.	.	2
INERMONEPHTYS SP.A	8	.	.	.	.	8
KINBERGONUPHIS SP.A	.	.	.	.	.	.
KINBERGONUPHIS SP.B	.	.	.	.	.	.
LAONICE CIRRATA	.	.	.	2	.	2
LEANIRA HYSTRICUS	.	1	.	.	.	1
LEITOSCOLOPLOS FRAGILIS	.	6	1	.	.	7
LEITOSCOLOPLOS SP.A	.	.	.	.	.	.
LITOCORSA "SP.A"	.	42	.	.	.	42
LUGIA RARICA	.	.	2	2	.	4
LUMBRINERIDAE	.	1	.	.	.	1
LUMBRINERIDES ACUTA?	2	1	.	1	.	4
LUMBRINERIDES DAYI	.	.	.	2	9	11
LUMBRINERIDES SP.A	.	2	1	1	.	4
LUMBRINERIS BREVIPES	.	.	.	.	.	.
LUMBRINERIS CANDIDA	.	.	.	.	.	.
LUMBRINERIS COCCINEA	.	.	.	.	.	.
LUMBRINERIS LATRIELLI	.	.	.	.	.	.
LUMBRINERIS SP.	.	.	.	.	2	2
LUMBRINERIS SP.A	1	.	3	.	.	4
LUMBRINERIS TETRAURA	2	1	.	.	.	3
LUMBRINERIS VERRILLI	.	4	.	.	1	5
MAGELONA FILIFORMIS	.	.	.	.	.	.
MAGELONA LONGICORNIS	1	.	.	.	.	1
MAGELONA SP.A	.	.	.	.	.	.
MAGELONIDAE	.	.	.	1	.	1
MALDANE "SP.A"	.	.	2	108	.	110
MALDANE GLEBIFEX	.	2	6	.	.	8
MALDANE SP.B	.	.	1	.	.	1
MALDANIDAE	5	4	22	.	1	32
MALDANIDAE GENUS A	3	.	.	.	.	3
MALDANIDAE GENUS B	.	.	1	.	.	1
MALDANIDAE GENUS C	.	.	.	.	.	.
MEDIOMASTUS CALIFORNIENSIS	4	.	.	.	.	4
MELINNA CRISTATA	.	1	.	.	.	1
MICROMALDANE SP.	.	.	.	.	.	.
MICRONEPHTHYS MINUTA	.	.	.	.	.	.
MICRORBINIA SP.A	.	.	.	.	.	.
MICROSPIO SP.A	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
MOOREONUPHIS PALLIDULA	.	.	1	.	.	1
MYRIOCHELE HEERI?	1	.	2	1	1	5
MYRIOWENIA SP.A	.	2	7	4	.	13
MYSTIDES BOREALIS	.	.	.	.	.	.
NAINERIS SP.	.	.	.	.	.	.
NEOMEDIOMASTUS SP.A	3	2	2	.	.	7
NEPHTYIDAE	4	.	1	.	.	5
NEPHTYS INCISA	10	.	.	.	.	10
NEREIDAE	1	.	.	1	.	2
NEREIMYRA SP.A	.	.	1	.	.	1
NOTHRIA GEOPHILIFORMIS?	.	.	1	.	.	1
NOTHRIA SP.A	12	4	.	.	.	16
NOTHRIA SP.B	.	1	.	.	.	1
NOTOMASTUS AMERICANUS	.	2	22	3	.	27
NOTOMASTUS LATERICEUS	.	1	.	.	.	1
ONUPHIDAE	.	.	.	1	.	1
ONUPHIS "SP.A"	.	.	.	1	.	1
ONUPHIS EREMITA	.	.	.	.	.	.
OPHELIIDAE	.	.	.	1	.	1
OPHELINA SP.	.	.	.	2	2	4
OPHELINA SP.A	19	7	3	5	.	34
OPHELINA SP.B	.	2	1	.	1	4
OPHELINA SP.C	.	1	.	.	1	2
OPHELINA SP.D	.	2	1	.	.	3
OPHELINA SP.E	.	.	1	1	.	2
OPHELINA SP.F	.	.	.	3	2	5
OPHELINA SP.G	.	.	.	.	.	.
OPHIOGLYCERA SP.	.	.	.	.	.	.
OPHRYOTROCHA SP.A	.	.	.	.	.	.
ORBINIIDAE	.	.	3	.	.	3
PALEANOTUS "SP.A"	.	.	.	.	.	.
PALMYRA SP.A	.	.	.	.	.	.
PARADONEIS LYRA	3	.	2	.	.	5
PARAHETEROMASTIDES SP.A	.	.	.	.	.	.
PARALACYDONIA PARADOXA	1	18	2	.	.	21
PARALEIOCAPITELLA MOSSAMBICA	3	.	.	.	.	3
PARAMARPHYSA SP.	.	.	.	.	.	.
PARAMPHINOME PULCHELLA	25	6	11	1	3	46
PARANDALIA SP.A	.	.	1	.	.	1
PARAONIDAE	2	.	3	1	.	6
PARAONIS CORNATUS	.	1	.	.	18	19
PARAONIS GRACILIS	3	10	2	4	4	23
PARAPIONOSYLLIS SP.B	.	.	.	.	.	.
PARONUPHIS ABYSSORUM?	.	1	.	.	.	1
PARONUPHIS SP.A	3	.	.	.	.	3
PARONUPHIS SP.B	.	.	.	.	.	.
PERESIELLA SP.A	.	.	.	.	.	.
PHALACROSTEMMA SP.A	.	.	.	.	.	.
PHERUSA SP.	.	3	1	.	.	4

Table C-5 (Con't)

Taxa	Cruise I Stations C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
PHOLOE "SP.C"	.	.	.	.	.	.
PHOLOE MINUTA?	1	4	7	.	.	12
PHYLLODOCE CASTANEA?	.	.	.	1	.	1
PHYLLODOCIDAE	.	1	1	2	.	4
PHYLLODOCIDAE GENUS A	.	.	2	.	.	2
PHYLO NUDUS	.	1	.	1	.	2
PILARGIDAE	1	.	.	.	.	1
PIONOSYLLIS "SP.B"	.	.	1	.	.	1
PIONOSYLLIS SP.	.	14	.	.	.	14
PIONOSYLLIS SP.A	.	.	.	.	.	.
PIROMIS SP.A	.	.	1	1	.	2
PODARKE "SP.A"	.	.	.	.	.	.
PODARKE AGILIS	.	.	.	.	.	.
PODARKEOPSIS SP.A	.	.	.	.	.	.
POECILOCHAETUS SP.A	1	.	.	.	.	1
POECILOCHAETUS SP.B	.	.	2	1	.	3
POLYCHAETA	4	.	.	.	.	4
POLYNOIDAE "GENUS A"	.	.	.	1	.	1
POTAMILLA RENIFORMIS?	.	1	.	.	.	1
PRIONOSPIO (MINOSPIO) "SP.A"	.	.	.	1	.	1
PRIONOSPIO CIRRIFERA	31	60	35	13	9	148
PRIONOSPIO CIRROBRANCHIATA	.	7	.	.	.	7
PRIONOSPIO EHLERSI	54	28	9	1	.	92
PRIONOSPIO SP.	5	.	.	7	2	14
PRIONOSPIO SP.A	2	.	.	.	.	2
PRIONOSPIO SP.B	1	.	.	.	.	1
PRIONOSPIO SP.C	1	.	.	.	.	1
PRIONOSPIO SP.D	.	3	.	.	.	3
PRIONOSPIO STEENSTRUPI	.	1	.	.	.	1
PROCLEA SP.	.	.	.	.	.	.
PROGONIADA REGULARIS	.	.	1	.	.	1
PROTOMYSTIDES BIDENTATA	.	1	.	.	.	1
PSEUDOMALACOCEROS SP.A	.	.	1	.	.	1
PSUEDOMALACOCEROS SP.B	.	.	2	.	.	2
RHODINE SP.A	.	.	.	.	2	2
RHODINE SP.B	.	.	.	.	.	.
SABELLIDAE	.	.	.	.	.	.
?SABELLIDES SP.A	.	.	1	1	.	2
SARSONUPHIS HARTMANAE	1	7	1	3	.	12
SCHISTOMERINGOS RUDOLPHI	2	.	.	.	.	2
SCOLOLEPIS TEXANA	.	1	.	.	.	1
SCOLOPLOS RUBRA	.	.	.	.	.	.
SCOLOPLOS SP.	.	.	.	.	9	9
SCOLOPLOS SP.A	.	1	.	.	.	1
SIGALIONIDAE	.	2	2	.	.	4
SIGAMBRA BASSI	.	.	.	.	1	1
SIGAMBRA TENTACULATA	5	.	3	.	1	9
SPHAEREPHESIA SP.A	.	.	.	3	.	3
SPHAERODOROPSIS "SP.A"	.	.	.	.	.	.

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Table C-5 (Con't)

Taxa	Cruise I Stations					
	C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
SPHAEROSYLLIS ACICULA?	.	.	.	.	.	.
SPHAEROSYLLIS GLANDULATA	.	.	.	.	.	.
SPHAEROSYLLIS HYSTRIX	.	.	1	2	.	3
SPHAEROSYLLIS MAGNIDENTATA	.	.	.	.	.	.
SPHAEROSYLLIS PIRIFEROPSIS	.	1	2	6	.	9
SPHAEROSYLLIS SP.A	1	.	.	.	.	1
SPIOCHAETOPTERUS COSTARUM	.	1	.	1	3	5
SPIONIDAE	16	1	6	9	1	33
SPIONIDAE GENUS A	1	.	.	.	.	1
SPIONIDAE GENUS B	.	.	.	.	.	.
SPIOPHANES BERKELEYORUM	1	17	5	8	2	33
SPIOPHANES BOMBYX	1	2	6	4	.	13
SPIOPHANES KROYERI	.	.	.	.	.	.
SPIOPHANES MISSIONENSIS	.	.	.	.	.	.
SPIOPHANES SP.A	4	1	.	.	.	5
SPIOPHANES SP.B	3	.	.	.	.	3
SPIOPHANES SP.C	.	.	.	.	.	.
SPIOPHANES WIGLEYI	2	3	4	.	1	10
STERNASPIS SCUTATA	.	.	.	.	.	.
STHENELAIS SP.A	.	.	4	1	3	8
STHENOLEPIS SP.A	.	3	1	.	.	4
STREBLOSOMA SP.A	3	.	.	.	.	3
STREBLOSOMA SP.B	1	.	.	.	.	1
SYLLIDAE	1	6	6	3	.	16
SYLLIDAE GENUS B	.	.	1	.	.	1
SYLLIDAE GENUS C	.	.	1	.	.	1
SYLLIS (EHLERSIA) CORNUTA	.	2	.	.	.	2
SYLLIS (EHLERSIA) FERRUGINA	.	.	.	3	.	3
SYLLIS (EHLERSIA) SP.A	.	.	.	.	.	.
SYLLIS (EHLERSIA) SP.B	.	.	.	.	.	.
SYLLIS (TYPOSYLLIS) GERLACHI?	.	.	.	.	.	.
SYNELMIS KLATTI	.	.	.	.	15	15
TACHYTRYPANE JEFFREYSII	.	10	1	3	.	14
TACHYTRYPANE SP.A	17	42	.	1	18	78
TACHYTRYPANE SP.B	.	.	.	.	2	2
TACHYTRYPANE SP.C	.	.	.	.	1	1
TEREBELLIDAE	4	3	3	4	.	14
TEREBELLIDES STROEMI	2	28	35	6	.	71
THARYX ANNULOSUS?	.	.	.	2	.	2
THARYX MARIONI	15	21	18	14	6	74
THARYX SP.A	1	.	.	.	.	1
THEROCHAETA SP.A	.	.	4	.	.	4
TRAVISIA SP.A	.	.	.	.	.	
TRICHOBRANCHUS GLACIALIS	.	.	.	.	.	.
TROCHOCHAETA SP.A	.	.	.	.	.	.
	419	516	374	367	216	1892

Table C-5 (Con't)

Taxa	Cruise I Stations					
	C 1	C 2	C 3	C 4	C 5	Total
OLIGOCHAETA						
OLIGOCHAETA	3	.	1	.	4	8
	3	.	1	.	4	8
GASTROPODA						
ACTEONIDAE	.	.	.	.	.	.
ALVANIA XANTHIAS	.	.	1	.	.	1
BENTHOMANGELIA SP.	1	.	.	.	.	1
BENTHONELLA FISCHERI	.	.	.	.	.	.
BROOKULA SP.	.	.	.	.	.	.
CHIMA SP.	2	.	.	.	.	2
CHRYSALLIDA SP.	1	.	.	.	.	1
CIMA SP.	.	2	.	1	.	3
CINGULA SP.	.	.	.	.	.	.
CORINNAETURRIS SP.	2	.	.	.	.	2
CRENILABIUM SP.	3	.	.	.	.	3
ECCLISEOGYRA PERFORMOSA	.	.	.	.	.	.
EULIMA SP.	.	1	.	.	.	1
EULIMIDAE	.	.	.	.	.	.
GASTROPODA	.	.	2	.	.	2
LISSOSPIRA SP.	.	.	1	.	.	1
MANGELIINAE	1	.	.	.	.	1
MELANELLA SP.	.	.	1	.	1	2
PHILENE SP.	.	.	.	.	.	.
PYRUNCULUS OVATUS	.	.	.	.	.	.
RISSOIDAE	.	.	.	.	.	.
SCAPHANDER SP.	.	.	.	.	.	.
SCAPHANDER WATSONI	.	.	.	.	.	.
SEGUENZIA SP.	.	.	.	.	.	.
SKEINIDAE	.	.	2	.	.	2
TARANIS MALMI	1	.	.	.	.	1
TORNUS EXQUISITUS	1	.	.	.	.	1
	12	3	7	1	1	24
BIVALVIA						
?ASTARTE SP.	1	.	.	.	.	1
ASTARTE SP.A	.	.	1	1	.	2
BATHYARCA SP.A	.	.	.	4	.	4
BIVALVIA	4	5	2	10	2	23
CARDIOMYA SP.A	.	.	.	.	.	.
CARDIOMYA SP.B	.	.	.	.	.	.
CRENELLA SP.A	.	.	4	17	.	21
?CUSPIDARIA SP.	1	.	.	.	.	1
CYCLOPECTEN SP.A	.	2	1	2	.	5
DACRYDIUM VITREUM	.	.	5	2	.	7
EULAMELLIBRANCH SP.	.	.	3	6	5	14
EULAMELLIBRANCH SP.A	.	.	.	.	3	3

Table C-5 (Con't)

Taxa	C 1	C 2	C 3	C 4	C 5	Total
			Cruise I Stations			
BIVALVIA (con't)						
EULAMELLIBRANCH SP.B	.	.	3	6	6	15
EULAMELLIBRANCH SP.C	.	.	.	.	1	1
EULAMELLIBRANCH SP.D	.	.	.	.	.	.
EULAMELLIBRANCH SP.E	2	.	.	.	.	2
EULAMELLIBRANCH SP.F	9	4	.	.	.	13
LIMA SP.	.	.	1	.	.	1
LIMOPSIS SP.	.	.	.	.	.	.
?LUCINA SP.	10	.	.	.	.	10
MACRODON (BENTHARCA) ASPERULA	1	.	.	2	.	3
MALLETIA SP.A	.	.	.	.	13	13
MALLETIA SP.B	2	1	7	1	.	11
NUCULA CALLICREDEMNA	.	.	.	.	.	.
NUCULA SP.A	1	6	2	2	.	11
NUCULA SP.B	.	.	.	2	1	3
NUCULANIDAE	2	.	.	.	.	2
NUCULANIDAE (NUCULANA?) SP.D	2	.	.	.	.	2
NUCULANIDAE (THESTYLEDA?) SP.I	.	.	.	.	.	.
NUCULANIDAE (TINDARIA?) SP.E	.	1	.	.	.	1
NUCULANIDAE (TINDARIA?) SP.G	.	.	3	.	.	3
NUCULANIDAE SP.B	.	.	.	7	.	7
NUCULANIDAE SP.C	.	.	.	.	.	.
NUCULANIDAE SP.F	.	.	.	.	.	.
NUCULANIDAE SP.H	.	.	1	.	1	2
NUCULANIDAE SP.J	.	.	.	.	.	.
NUCULANIDAE SP.K	.	.	.	.	.	.
NUCULANIDAE SP.L	.	.	.	.	.	.
?PECTEN SP.	4	.	1	.	.	5
POLICORDIA SP.A	.	.	.	.	.	.
PRISTOGLOMA NITENS	.	.	.	.	.	.
PRONUCULA SP.A	.	.	1	3	.	4
PROTOBRANCHIA	.	.	.	1	.	1
TELLINA SP.A	7	6	.	.	.	13
TELLINA SP.B	.	.	1	.	.	1
THYASIRA SP.A	.	.	.	.	16	16
THYASIRA SP.B	.	.	.	.	.	.
?VESICOMYA SP.	1	6	25	6	.	38
YOLDIELLA SP.A	.	.	.	10	.	10
	47	31	61	82	48	269
SCAPHAPODA						
CADULUS SP.	.	.	.	2	2	4
DENTALIIDAE	1	1	1	2	.	5
DENTALIUM CALLITHRIX	.	.	.	.	.	.
DENTALIUM DIDYMUM	.	.	.	.	4	4
DENTALIUM PERLONGUM	.	.	.	.	1	1
EPISIPHON SP.	.	1	2	1	1	5
HETEROSCHIZMOIDES CALLITHRIX	.	.	.	3	.	3
PULSELLUM PRESSUM	.	.	.	.	.	.

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Table C-5 (Con't)

Taxa	Cruise I Stations C 1	C 2	C 3	C 4	C 5	Total
SCAPHAPODA (con't)						
SCAPHOPODA	3	2	.	2	.	7
SIPHONODENTALIIDAE	.	1	5	3	.	9
	4	5	8	13	8	38
OSTRACODA						
ANGULOROSTRUM SP.A	2	.	2	4	.	8
CYLINDROLEBERIDINAE	1	.	1	.	.	2
EUPHILOMEDES SP.A	.	47	.	.	.	47
HARBANSUS SP.	.	.	.	.	.	.
HARBANSUS SP.A	.	.	9	.	.	9
HARBANSUS SP.B	6	.	.	.	.	6
HARBANSUS SP.C	.	.	.	.	.	.
IGENE SP.A	.	.	.	.	.	.
PHILOMEDES SP.A	.	16	.	.	.	16
PODOCOPA	15	59	203	73	17	367
PSEUDOPHILOMEDES SP.A	.	1	.	.	.	1
PTEROCYPRIDINA SEX	.	.	.	.	.	.
SCLERANER SP.A	.	5	.	.	.	5
SCLEROCONCHA SP.A	.	.	.	.	.	.
SPINACOPIA SP.A	.	.	.	2	.	2
	24	128	215	79	17	463
CUMACEA						
APOCUMA N.SP.I	.	.	.	.	.	.
BATHYCUMA NATALENSE?	.	.	.	.	.	.
CAMPYLASPIS ALBA	.	.	1	.	.	1
CAMPYLASPIS BICARINATA	2	.	.	.	.	2
CAMPYLASPIS COGNATA	2	.	1	1	.	4
CAMPYLASPIS N. SP. (CF. PLICATA)	.	.	.	.	.	.
CAMPYLASPIS PILOSA	.	.	.	.	.	.
CAMPYLASPIS SP.	.	.	.	1	.	1
CAMPYLASPIS SPINOSA	.	.	.	4	.	4
CHALAROSTYLIS N. SP.E	.	.	.	.	.	.
CUMELLA ACULEATA	.	.	.	1	.	1
CUMELLA ACUMINATA	.	.	1	1	.	2
CUMELLA ANGUSTATA	.	.	.	.	.	.
CUMELLA ANTIPAI	.	2	.	.	.	2
CUMELLA BISHOPI	.	.	.	2	.	2
CUMELLA COMPACTA?	.	.	.	.	.	.
CUMELLA DAYAE	2	.	.	.	.	2
CUMELLA DECIPIENS	.	.	.	.	.	.
CUMELLA ERECTA	.	1	.	.	.	1
CUMELLA SP.	1	1	.	.	.	2
CUMELLOPSIS BICOSTATA	.	1	.	.	.	1
CUMELLOPSIS LAEVIS	.	.	.	.	.	.
CYCLASPIS LONGICAUDATA	.	.	.	.	.	.
CYCLASPOIDES SARSI	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise I Stations C 1	C 2	C 3	C 4	C 5	Total
CUMACEA (con't)						
DIASTYLIS N.SP.H	.	.	.	.	.	.
EPILEUCON SP.	.	.	.	.	.	.
EPILEUCON TENUIROSTRIS?	1	.	1	1	.	3
EUDORELLA HISPIDA	.	1	.	.	.	1
EUDORELLA N. SP.C	2	.	.	.	.	2
EUDORELLA SP.	.	.	.	.	.	.
LEPTOSTYLIS MANCOIDES	.	.	.	.	.	.
LEPTOSTYLUS MACRURA	4	.	.	.	.	4
LEPTOSTYLUS N. SP.D	.	.	.	.	.	.
LEPTOSTYLUS SP.	.	.	.	.	.	.
LEUCON MACRORHINUS?	1	.	.	.	.	1
LEUCON N. SP. (CF. MACRORHINUS)	1	.	.	.	.	1
LEUCON SERRATUS?	.	.	.	.	.	.
LEUCON SP.	1	1	1	2	.	5
LEUCON TENER?	.	.	.	.	.	.
LEUCON TENER	.	.	.	2	.	2
LEUCON TURGIDULUS	.	.	.	.	.	.
MACROKYLINDRUS N. SP. CF. CINGULATUS	.	.	.	.	.	.
MACROKYLINDRUS N. SP. CF. LOMAKINAE	1	.	.	.	.	1
MACROKYLINDRUS SP.	.	.	.	.	.	.
MESOLAMPROPS N. SP.B	.	.	.	.	1	1
MURILAMPROPS BRASILIENSIS	.	.	.	.	.	.
PARALAMPROPS N. SP.F	.	.	.	.	.	.
PETALOSARSIA LONGIROSTRIS	.	.	1	1	.	2
PLATYCUMA CANDIDA	.	.	.	.	.	.
PROCAMPYLASPUS ACANTHOMMA	6	1	.	.	.	7
PROCAMPYLASPUS OMMIDION	.	.	.	.	.	.
PROCAMPYLASPUS SP.	2	.	.	.	.	2
VAUNTHOMPSONIINAE N. SP.	.	.	.	.	.	.
VEMAKYLINDRUS COSTARICANUS	.	.	.	.	.	.
VEMAKYLINDRUS N.SP. (CF. COSTARICANUS	1	.	.	.	.	1
	27	8	6	16	1	58
TANAIDACEA						
AGATHOTANAIS SP.1	.	.	.	2	.	2
ANARTHRURA SP.4	.	.	.	.	.	.
ANARTHRURIDAE SP.1	.	.	2	3	.	5
ANARTHRURIDAE SP.2	.	.	.	1	.	1
ANARTHRURIDAE SP.3	.	.	.	.	.	.
ANARTHRURIDAE SP.4	.	.	.	.	.	.
APSEUDES SP.1	.	.	.	1	.	1
APSEUDES SP.2	.	.	.	1	.	1
APSEUDES SP.3	.	.	.	.	.	.
APSEUDES SP.4	.	.	.	.	.	.
APSEUDES SP.5	.	.	.	.	.	.
APSEUDES SP.6	.	.	.	.	.	.
APSEUDES SP.7	.	.	.	.	.	.
APSEUDIDAE	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise I Stations C 1	C 2	C 3	C 4	C 5	Total
TANAIDACEA (con't)						
APSEUDIDAE SP.1	.	19	.	.	.	19
APSEUDIDAE SP.2	.	.	.	.	.	.
APSEUDIDAE SP.3 (GENUS C)	.	.	.	.	.	.
APSEUDIDAE SP.4	.	.	.	.	.	.
LEPTOGNATHIA SP.	1	.	2	2	.	5
LEPTOGNATHIA SP.1	3	1	.	.	.	4
LEPTOGNATHIA SP.10	.	.	.	.	1	1
LEPTOGNATHIA SP.11	.	1	.	.	.	1
LEPTOGNATHIA SP.14	.	.	1	1	.	2
LEPTOGNATHIA SP.15	2	.	12	8	.	22
LEPTOGNATHIA SP.17	.	.	1	2	.	3
LEPTOGNATHIA SP.2	6	.	1	.	.	7
LEPTOGNATHIA SP.20	.	.	.	1	.	1
LEPTOGNATHIA SP.22	.	1	.	.	.	1
LEPTOGNATHIA SP.23	.	.	.	4	.	4
LEPTOGNATHIA SP.24	.	.	.	1	.	1
LEPTOGNATHIA SP.26	.	.	.	1	.	1
LEPTOGNATHIA SP.27	.	.	.	.	2	2
LEPTOGNATHIA SP.28	.	.	.	.	.	.
LEPTOGNATHIA SP.29	.	.	.	.	3	3
LEPTOGNATHIA SP.3	4	2	.	.	.	6
LEPTOGNATHIA SP.30	.	.	.	.	.	.
LEPTOGNATHIA SP.31	.	.	.	.	.	.
LEPTOGNATHIA SP.32	1	.	.	.	.	1
LEPTOGNATHIA SP.33	.	.	.	1	.	1
LEPTOGNATHIA SP.34	.	1	2	.	.	3
LEPTOGNATHIA SP.35	.	.	.	.	.	.
LEPTOGNATHIA SP.37	.	.	1	.	.	1
LEPTOGNATHIA SP.38	.	.	3	.	.	3
LEPTOGNATHIA SP.39	.	.	.	.	.	.
LEPTOGNATHIA SP.4	1	1	.	.	.	2
LEPTOGNATHIA SP.41	.	1	2	.	.	3
LEPTOGNATHIA SP.42	.	.	.	.	.	.
LEPTOGNATHIA SP.43	.	.	.	1	.	1
LEPTOGNATHIA SP.45	.	.	.	.	.	.
LEPTOGNATHIA SP.46	.	.	.	.	.	.
LEPTOGNATHIA SP.47	.	.	.	.	.	.
LEPTOGNATHIA SP.48	.	.	.	.	.	.
LEPTOGNATHIA SP.49	.	.	.	.	.	.
LEPTOGNATHIA SP.5	.	3	.	.	.	3
LEPTOGNATHIA SP.51	.	5	1	3	.	9
LEPTOGNATHIA SP.52	.	.	1	.	.	1
LEPTOGNATHIA SP.53	.	.	.	.	.	.
LEPTOGNATHIA SP.54	.	.	.	.	.	.
LEPTOGNATHIA SP.55	.	.	.	.	.	.
LEPTOGNATHIA SP.56	.	.	.	.	.	.
LEPTOGNATHIA SP.57	.	.	.	.	.	.
LEPTOGNATHIA SP.58	.	.	.	.	.	.
LEPTOGNATHIA SP.59	.	.	.	.	.	.

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Table C-5 (Con't)

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
TANAIDACEA (con't)						
LEPTOGNATHIA SP.6	.	2	1	.	.	3
LEPTOGNATHIA SP.60	.	.	.	.	.	.
LEPTOGNATHIA SP.61	.	.	.	.	.	.
LEPTOGNATHIA SP.62	.	.	.	.	.	.
LEPTOGNATHIA SP.63	.	.	.	.	.	.
LEPTOGNATHIA SP.64	.	.	.	.	.	.
LEPTOGNATHIA SP.65	.	.	1	.	.	1
LEPTOGNATHIA SP.66	.	.	.	.	.	.
LEPTOGNATHIA SP.67	.	.	.	.	.	.
LEPTOGNATHIA SP.68	.	.	.	.	.	.
LEPTOGNATHIA SP.69	.	.	.	.	.	.
LEPTOGNATHIA SP.7	.	2	.	.	.	2
LEPTOGNATHIA SP.70	.	.	.	.	.	.
LEPTOGNATHIA SP.71	.	.	.	.	.	.
LEPTOGNATHIA SP.72	.	.	.	.	.	.
LEPTOGNATHIA SP.73	.	.	.	.	.	.
LEPTOGNATHIA SP.74	.	.	.	.	.	.
LEPTOGNATHIA SP.75	.	.	.	.	.	.
LEPTOGNATHIA SP.76	.	.	.	.	.	.
LEPTOGNATHIA SP.77	.	.	.	.	.	.
LEPTOGNATHIA SP.78	.	.	.	.	.	.
LEPTOGNATHIA SP.79	.	.	.	.	.	.
LEPTOGNATHIA SP.8	.	12	.	1	.	13
LEPTOGNATHIA SP.80	.	.	.	.	.	.
LEPTOGNATHIA SP.81	.	.	.	.	.	.
LEPTOGNATHIA SP.A MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.B MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.C MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.D MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.E MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.F MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.G MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.H MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.I MALE	1	.	.	.	.	1
LEPTOGNATHIA SP.J MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.K MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.L MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.M MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.N. MALE	.	.	.	.	.	.
LEPTOGNATHIIDAE	.	1	.	.	.	1
LEPTOGNATHIIDAE GENUS B	.	.	.	.	.	.
NEOTANAIS SP.1	.	11	.	1	.	12
PARANARTHRURA INSIGNIS?	1	2	1	.	.	4
PARANARTHRURA SP.	.	.	.	.	.	.
PARANARTHRURA SP.1	.	4	1	.	.	5
PARANARTHRURA SP.2	.	.	.	1	.	1
PARANARTHRURA SP.3	.	.	.	2	.	2
PARANARTHRURA SP.4	.	.	.	.	.	.
PARANARTHRURA SP.5	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
TANAIDACEA (con't)						
PARATANAIDAE SP.1	.	10	3	1	.	14
PARATANAIDAE SP.2	.	.	.	.	.	.
PSEUDOTANAIDAE	.	1	1	.	.	2
PSEUDOTANAIDAE GENUS A (N.SP,N.GEN)	.	.	1	.	.	1
PSEUDOTANAIDAE SP.A MALE	.	.	.	.	.	.
PSEUDOTANAIS SP.	.	.	.	1	.	1
PSEUDOTANAIS SP.1	6	12	.	11	.	29
PSEUDOTANAIS SP.2	.	.	2	1	1	4
PSEUDOTANAIS SP.3	.	.	.	.	1	1
PSEUDOTANAIS SP.4	.	.	.	.	.	.
SPHYRAPHUS SP.1	.	.	.	.	.	.
SPHYRAPHUS SP.2	.	.	.	.	.	.
STROGYLURA SP.1	.	.	.	.	.	.
STROGYLURA SP.2	.	.	2	4	.	6
TANAELLA SP.1	.	2	1	.	.	3
TANAELLA SP.2	.	1	.	2	.	3
TANAIDACEA	.	1	3	.	.	4
TYPHLOTANAIS SP.	.	.	.	.	.	.
TYPHLOTANAIS SP.1	.	2	.	.	.	2
TYPHLOTANAIS SP.10	.	.	.	.	.	.
TYPHLOTANAIS SP.11	.	.	.	.	.	.
TYPHLOTANAIS SP.12	.	.	.	.	.	.
TYPHLOTANAIS SP.13	.	.	.	.	.	.
TYPHLOTANAIS SP.14	.	.	.	.	.	.
TYPHLOTANAIS SP.15	.	.	.	.	.	.
TYPHLOTANAIS SP.16	.	.	.	.	.	.
TYPHLOTANAIS SP.17	.	.	.	.	.	.
TYPHLOTANAIS SP.2	4	1	.	.	.	5
TYPHLOTANAIS SP.3	6	.	.	.	.	6
TYPHLOTANAIS SP.4	.	.	3	.	.	3
TYPHLOTANAIS SP.5	.	.	2	.	.	2
TYPHLOTANAIS SP.6	.	.	.	3	.	3
TYPHLOTANAIS SP.7	.	.	.	5	.	5
TYPHLOTANAIS SP.8	.	.	.	.	2	2
TYPHLOTANAIS SP.9	.	.	.	.	.	.
	36	99	51	66	10	262
ISOPODA						
ACANTHOCOPE SP.231	.	.	1	2	.	3
ANTHOCOPE SP.295	.	.	.	.	.	.
ANTHURIDAE (SP.259)	.	.	.	.	.	.
BALBIDOCOLON SP.267	.	.	.	.	.	.
BELONECTES SP.220	.	1	.	.	.	1
BETAMORPHA SP.292	.	.	.	.	.	.
CHELATOR SP.212	2	.	.	.	.	2
CHELATOR SP.237	.	.	2	3	.	5
CHELATOR SP.251	.	.	.	2	.	2
CHELATOR SP.284	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise I Stations					
	C 1	C 2	C 3	C 4	C 5	Total
ISOPODA (con't)						
CIROLANA SP.282	.	.	.	.	.	.
CONILERA SP.214	17	.	.	.	.	17
CRYPTONISCIDAE SP.257	.	.	.	1	.	1
CYATHURA SP.263	.	.	.	.	.	.
DENDROMUNNA SP.249	.	.	.	1	.	1
DENDROTION SP.246	.	.	.	1	.	1
DESMOSOMA SP.248	.	.	.	2	.	2
DESMOSOMA SP.260	.	1	.	.	.	1
DESMOSOMATIDAE	.	3	.	.	.	3
DISCONECTES SP.262	.	.	.	.	.	.
DISCONECTES SP.272	.	.	.	.	.	.
DISPARELLA SP.274	.	.	.	.	.	.
ECHINOPLEURA SP.291	.	.	.	.	.	.
EUGERDA SP.	.	.	.	.	.	.
EUGERDA SP.215	.	4	2	3	.	9
EUGERDA SP.236	.	.	2	2	.	4
EUGERDA SP.289	.	.	.	.	.	.
EUGERDELLA SP.229	.	.	1	.	.	1
EUGERDELLA SP.241	.	.	.	1	.	1
EURYCOPE SP.	.	.	.	.	.	.
EURYCOPE SP.277	.	.	.	.	.	.
EURYCOPE SP.283	.	.	.	.	.	.
EURYCOPIDAE	.	.	.	.	.	.
EURYCOPIDAE N. GEN. B (SP.271)	.	.	.	.	.	.
EURYCOPIDAE N. GEN. X2 (SP.258)	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS G	.	.	1	.	.	1
EURYCOPIDAE NEW GENUS H	.	.	.	5	.	5
EURYCOPIDAE NEW GENUS Y	1	.	.	.	.	1
EXILINISCUS SP.232	.	.	1	.	.	1
EXILINISCUS SP.255	.	.	.	.	3	3
GNATHIA SP.201	139	.	.	.	.	139
GNATHIA SP.210	2	.	.	.	.	2
GNATHIA SP.211	5	.	.	.	.	5
GNATHIA SP.226	.	.	2	.	.	2
HAPLOMESUS SP.207	.	5	.	.	.	5
HAPLOMESUS SP.239	.	.	.	2	.	2
HAPLOMSUS SP.	.	.	.	.	.	.
HAPLONISCUS SP.234	.	.	2	.	.	2
HAPLONISCUS SP.273	.	.	.	.	.	.
HAPSIDOHEDRA SP.245	.	.	.	.	.	.
HETEROMESUS SP.288	.	.	.	.	.	.
ILYARACHNA SP.218	.	1	1	2	.	4
ISCHNOMESUS SP.	.	.	.	.	.	.
ISCHNOMESUS SP.208	.	5	.	.	.	5
ISCHNOMESUS SP.222	.	4	1	.	.	5
ISCHNOMESUS SP.227	.	.	2	1	.	3
ISCHNOMESUS SP.247	.	.	.	2	.	2
ISCHNOMESUS SP.275	.	.	.	.	.	.
ISCHNOMESUS SP.276	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise I Stations					
	C 1	C 2	C 3	C 4	C 5	Total
ISOPODA (con't)						
ISCHNOMESUS SP.278	.	.	.	.	.	.
ISOPODA	.	6	2	.	.	8
KATIANIRA SP.244	.	.	.	1	.	1
LEPTANTHURA SP.205	.	.	.	.	.	.
LEPTANTHURA SP.219	.	6	1	1	.	8
LIPOMERA SP.280	.	.	.	.	.	.
MACROSTYLUS SP.223	.	1	9	1	.	11
MACROSTYLUS SP.256	.	.	.	.	7	7
MALACANTHURA SP.294	.	.	.	.	.	.
MIRABILICOXA SP.253	.	.	.	1	.	1
MIRABILICOXA SP.254	.	.	1	.	1	2
MIRABILICOXA SP.261	.	.	1	1	.	2
MIRABILICOXA SP.269	.	.	.	.	.	.
MOMEDOSSA SP.268	.	.	.	.	.	.
NANNONISCIDAE N. GEN. X SP.213	1	.	.	.	.	1
NANNONISCOIDES SP.229	.	.	1	.	.	1
NANNONISCOIDES SP.250	.	.	.	1	.	1
NANNONISCONUS SP.240	.	.	.	1	.	1
NANNONISCUS SP.233	.	.	3	1	.	4
NANNONISCUS SP.242	.	.	.	2	1	3
NOTOXENOIDES SP.206	.	3	.	.	.	3
OCSANTHURA SP.266	.	.	.	.	.	.
PANETELA SP.224	.	.	1	.	1	2
PROCHELATOR SP.202	28	.	.	.	.	28
PROCHELATOR SP.209	.	19	2	3	3	27
PROCHELATOR SP.228	.	.	3	.	.	3
PROCHELATOR SP.235	.	.	1	.	3	4
PROCHELATOR SP.238	.	.	3	.	.	3
PROCHELATOR SP.290	.	.	.	.	.	.
PSEUDARACHNA SP.281	.	.	.	.	.	.
PSEUDOMESUS SP.293	.	.	.	.	.	.
RAPANISCUS SP.265	.	.	.	.	.	.
REGABELLATOR SP.221	.	1	.	.	.	1
THAMBEMA SP.243	.	.	.	3	.	3
THAUMASTASOMA SP.279	.	.	.	.	.	.
TORWOLIA SP.203	3	.	.	.	.	3
WHOIA SP.216	.	2	1	.	.	3
WHOIA SP.225	.	.	8	4	3	15
WHOIA SP.264	.	1	.	.	.	1
WHOIA SP.270	.	.	.	.	.	.
	198	63	55	50	22	388
AMPHIPODA						
ACANTHONOTOZOMATIDAE N.SP.1	.	.	1	.	.	1
AMPELISCA AGASSIZI	.	.	.	.	.	.
AMPELISCA PACIFICA?	5	.	.	.	.	5
AMPELISCA SP.	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
AMPHIPODA (con't)						
AMPELISCA SP.2	.	.	.	.	.	.
AMPELISCA SP.3	.	.	.	.	.	.
AMPELISCIDAE	2	1	.	2	.	5
AMPHIPODA	9	2	4	4	.	19
AMPHIPODA UNKNOWN FAMILY 1	.	.	.	.	.	.
BATHYMEDON N.GEN.	3	.	.	.	.	3
BYBLIS N.SP.1	4	.	.	.	.	4
BYBLIS SP.	.	.	.	.	.	.
BYBLIS SP.2	.	1	.	.	.	1
CAPRELLIDAE	1	.	.	.	.	1
CARANGOLIA N.SP.1	.	.	1	1	.	2
COROPHIIDAE	.	.	1	.	.	1
COROPHIIDAE SP.1	1	.	.	.	.	1
COROPHIOIDEA N.SP.1	.	.	.	2	.	2
COROPHIOIDEA SP.2	.	.	.	.	.	.
EUSIRIDAE N. GEN. 1	.	.	.	.	.	.
GAMMAROPSIS SP. 1	.	.	3	.	.	3
HARPINIINAE	.	.	.	.	.	.
HARPINIINAE SP.2	.	1	.	.	.	1
HAUSTORIIDAE	.	1	.	.	.	1
?INGOLFIELLIDAE	.	.	.	.	.	.
JEDDO N.SP.1	.	.	.	2	.	2
LEPECHINELLIDAE	1	.	.	.	.	1
LEPTOPHOXUS	1	.	1	.	.	2
LEPTOPHOXUS N.SP.A	2	.	1	.	.	3
LEUCOTHOE SP.1	.	.	.	.	.	.
LILJEBORGIIDAE	.	.	.	.	.	.
LYSIANASSIDAE	.	.	.	.	1	1
LYSIANASSIDAE N.SP.1	6	1	1	.	.	8
LYSIANASSIDAE SP.2	.	2	.	.	.	2
LYSIANASSIDAE SP.3	.	.	.	.	.	.
LYSIANASSIDAE SP.5	.	.	.	.	.	.
MAYERELLA REDUNCA	10	.	.	.	.	10
MAYERELLA SP.	.	.	.	.	.	.
MELITA SP.1	2	.	2	.	.	4
MELITA SP.2	.	.	2	.	.	2
MELITA SP.3	2	.	.	.	.	2
MELITA SP.4	.	.	1	.	.	1
MELITIDAE	2	1	.	.	.	3
METAPHOXUS A	1	.	.	.	.	1
METAPHOXUS N.SP.	.	3	4	1	.	8
OEDICEROPSIS	2	.	1	.	.	3
PARAMETOPELLA N.SP.1	3	.	.	.	.	3
PARDISYNOPIA N.SP.1	.	5	2	2	.	9
PHOXOCEPHALIIDAE	6	6	3	3	2	20
PHOXOCEPHALUS SP.	.	.	.	.	.	.
PHOXOCEPHALUS SP.1	1	8	.	1	.	10
SEBIDAE	.	.	.	.	.	.
STENOTHOIDAE	1	.	.	.	.	1

Table C-5 (Con't)

Taxa	Cruise I Stations C 1	C 2	C 3	C 4	C 5	Total
AMPHIPODA (con't)						
SYNOPIIDAE	.	.	.	.	.	.
SYNOPIIDAE N. GEN. 2	.	.	.	.	.	.
SYNOPIIDAE N.GEN.1	.	.	1	.	.	1
SYNOPIIDAE SP.2	.	1	.	.	.	1
SYNOPIIDAE SP.3	.	.	.	.	.	.
SYNOPIIDAE SP.4	.	.	.	.	.	.
SYNOPIIDAE SP.5	.	.	.	.	.	.
SYRRHOE N. SP. 1	.	.	.	.	.	.
?VALETTIOPSIS SP.1	.	.	.	.	.	.
	65	33	29	18	3	148
DECAPODA						
AXIIDAE SP.A	.	.	.	.	.	.
AXIUS SP.	.	1	.	.	.	1
BATHYPLAX TYPHLA	.	1	.	.	.	1
CALLIANASSIDAE	.	.	.	.	.	.
CYMONOMUS N.SP.	.	.	.	.	.	.
NEPHROPSIS ACULEATA	.	.	.	.	.	.
	.	2	.	.	.	2
SIPUNCULA						
ASPIDOSIPHON SP.	.	.	.	.	.	.
ASPIDOSIPHON SP.A (CF. MUELLERI)	1	.	.	.	.	1
ASPIDOSIPHON SP.B	1	.	.	.	.	1
ASPIDOSIPHON SP.C	1	.	.	.	.	1
ASPIDOSIPHON SP.D	.	.	.	.	.	.
ASPIDOSIPHON SP.E	.	.	.	.	.	.
GOLFINGIA SP.	.	1	.	.	.	1
GOLFINGIA SP.A	1	.	.	.	.	1
GOLFINGIA SP.B	.	.	.	3	.	3
GOLFINGIA SP.C	.	.	1	.	.	1
GOLFINGIA SP.D	.	.	.	1	.	1
GOLFINGIA SP.E	.	.	.	.	.	.
GOLFINGIA SP.F	.	.	.	.	.	.
GOLFINGIA SP.G	.	.	.	.	.	.
GOLFINGIA SP.H	.	.	.	.	.	.
GOLFINGIA SP.I	.	.	.	.	.	.
GOLFINGIA SP.J	.	.	.	.	.	.
GOLFINGIA SP.K	.	.	.	.	.	.
GOLFINGIA SP.L	.	.	.	.	.	.
GOLFINGIA SP.M	.	.	.	.	.	.
GOLFINGIA SP.N	.	.	.	.	.	.
GOLFINGIA SP.O	.	.	.	.	.	.
GOLFINGIA SP.P	.	.	.	.	.	.
GOLFINGIIDAE	.	.	2	1	.	3
ONCHNESOMA SP.A	1	.	.	.	.	1
ONCHNESOMA SP.B	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise I Stations C 1	C 2	C 3	C 4	C 5	Total
SIPUNCULA (con't)						
ONCHNESOMA SQUAMATUM	.	.	.	.	.	.
ONCHNESOMA STEENSTRUPII	.	.	.	.	.	.
PHASCOLION SP.A	1	1	.	.	.	2
PHASCOLION SP.B	.	.	1	.	.	1
PHASCOLION SP.C	.	.	.	.	.	.
SIPHONOSOMA SP.	.	.	1	.	.	1
SIPHONOSOMA SP.A	.	.	.	.	.	.
SIPUNCULA	.	.	2	1	.	3
SIPUNCULA SP.A	.	.	.	.	.	.
SIPUNCULA SP.B	.	.	.	.	.	.
SIPUNCULIDAE	.	.	.	.	.	.
	6	2	7	6	.	21
BRYOZOA						
ANGUISIA SP.	.	.	.	.	.	.
BATHYALAZOON FORESTI?	.	.	.	.	.	.
BIFAXARIIDAE SP.F (N. GEN. N. SP.)	.	.	.	5	.	5
CHEILOSTOMATA	.	.	.	.	.	.
CHEILOSTOMATA SP. A (N.SP.)	.	2	2	4	.	8
CHEILOSTOMATA SP. B (N.G., N.SP.)	.	.	1	.	.	1
CHEILOSTOMATA SP. C (N.G., N.SP.)	.	.	1	2	.	3
CHEILOSTOMATA SP. D (N.SP.)	.	.	1	.	.	1
CHEILOSTOMATA SP. E (N.GEN.)	.	.	.	3	.	3
CHEILOSTOMATA SP.2145	.	.	.	.	.	.
CHEILOSTOMATA SP.2153	.	.	.	.	.	.
CHEILOSTOMATA SP.2154	.	.	.	.	.	.
CHEILOSTOMATA SP.2164	.	.	.	.	.	.
CHEILOSTOMATA SP.2166	.	.	.	.	.	.
CHEILOSTOMATA SP.2167	.	.	.	.	.	.
CHEILOSTOMATA SP.2169	.	.	.	.	.	.
CHEILOSTOMATA SP.2172	.	.	.	.	.	.
CHEILOSTOMATA SP.2198	.	.	.	.	.	.
CHEILOSTOMATA SP.2205	.	.	.	.	.	.
CHEILOSTOMATA SP.2210	.	.	.	.	.	.
CHEILOSTOMATA SP.2230	.	.	.	.	.	.
CHEILOSTOMATA SP.2243	.	.	.	.	.	.
CHEILOSTOMATA SP.2278	.	.	.	.	.	.
CHEILOSTOMATA SP.2333	.	.	.	.	.	.
CLAVIPORIDAE	.	.	.	.	.	.
CTENOSTOMATA	.	.	.	.	.	.
CTENOSTOMATA SP.2162	.	.	.	.	.	.
CTENOSTOMATA SP.2171	.	.	.	.	.	.
CTENOSTOMATA SP.2173	.	.	.	.	.	.
CTENOSTOMATA SP.2176	.	.	.	.	.	.
CTENOSTOMATA SP.2180	.	.	.	.	.	.
CTENOSTOMATA SP.2185	.	.	.	.	.	.
CTENOSTOMATA SP.2219	.	.	.	.	.	.
CTENOSTOMATA SP.2222	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
BRYOZOA (con't)						
CTENOSTOMATA SP.2225	.	.	.	.	.	.
CTENOSTOMATA SP.2229	.	.	.	.	.	.
CTENOSTOMATA SP.2235	.	.	.	.	.	.
CTENOSTOMATA SP.2236	.	.	.	.	.	.
CTENOSTOMATA SP.2245	.	.	.	.	.	.
CTENOSTOMATA SP.2249	.	.	.	.	.	.
CTENOSTOMATA SP.2251	.	.	.	.	.	.
CTENOSTOMATA SP.2255	.	.	.	.	.	.
CTENOSTOMATA SP.2261	.	.	.	.	.	.
CTENOSTOMATA SP.2270	.	.	.	.	.	.
CTENOSTOMATA SP.2271	.	.	.	.	.	.
CTENOSTOMATA SP.2274	.	.	.	.	.	.
CTENOSTOMATA SP.2281	.	.	.	.	.	.
CTENOSTOMATA SP.2314	.	.	.	.	.	.
CTENOSTOMATA SP.2320	.	.	.	.	.	.
EUGINOMA CAVALIERI	1	2	.	4	1	8
EUGINOMA N.SP.	.	.	.	.	.	.
HELIODOMA SP.	.	.	.	.	.	.
MEMBRANIPORA SP.	.	.	.	2	.	2
MEMBRANIPORA TUBERCULATA	.	.	.	.	.	.
METALCYONIDIUM SP.	.	.	.	.	.	.
METRARABDOTOMORPHA AENIGMATISTES	.	.	.	.	.	.
METRARABDOTOMORPHA SP.	.	.	.	.	.	.
NEOFLUSTRELLIDRA SCHOPFI	.	.	.	.	.	.
NOLELLA HAMPSONI	.	.	.	.	.	.
NOLELLA SP.	.	.	.	.	.	.
NOTOPLITES SP.	.	.	.	.	.	.
PACHYZOON ATLANTICUM	.	.	.	.	.	.
PSEUDALCYONIDIUM BOBINAE	.	.	.	1	.	1
PSEUDALCYONIDIUM SP.	.	.	.	.	.	.
SCLERODOMUS SP.	.	.	.	.	.	.
SCRUPOCELLARIA SPP.	.	.	.	1	.	1
SETOSELLINA GOESII	.	.	.	.	.	.
SETOSELLINA SP.	.	.	.	.	.	.
SPHAERULOBRYOZOON PEDUNCULATUM	.	.	.	.	.	.
SPHAERULOBRYOZOON SP.	.	.	2	.	.	2
	1	4	7	22	1	35
BRACHIOPODA						
ARGYROTHECA N.SP.	.	.	.	.	.	.
CRYPTOPORA RECTIMARGINATA	.	3	.	.	.	3
	.	3	.	.	.	3

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Table C-5 (Con't)

	Cruise I Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
ASTEROIDEA						
ASTEROIDEA	.	.	.	.	.	.
?TOSIA SP.	.	.	.	.	.	.
	.	.	.	.	.	.
OPHIUROIDEA						
AMPHILEPIS SP.	.	.	.	.	7	7
AMPHIURA SEMIERMIS	1	.	.	.	.	1
OPHIACANTHIDAE JUVENILE SP.J	.	1	.	.	.	1
OPHIACANTHIDAE JUVENILE SP.K	.	.	1	1	.	2
OPHIERNUS SP.	.	1	.	.	.	1
OPHIOSTRIATUS SP.	.	1	.	.	.	1
OPHIOTHOLIA SP.	.	.	7	4	.	11
OPHIUROIDEA JUVENILE SP.A	.	.	2	3	.	5
OPHIUROIDEA JUVENILE SP.B	4	.	.	1	.	5
OPHIUROIDEA JUVENILE SP.C	1	1	1	.	.	3
OPHIUROIDEA JUVENILE SP.D	.	.	.	3	1	4
OPHIUROIDEA JUVENILE SP.E	.	.	.	2	.	2
OPHIUROIDEA JUVENILE SP.F	.	.	.	1	.	1
OPHIUROIDEA JUVENILE SP.G	1	.	.	.	.	1
OPHIUROIDEA JUVENILE SP.H	.	.	.	.	1	1
OPHIUROIDEA JUVENILE SP.I	1	.	.	.	.	1
	8	4	11	15	9	47
ECHINOIDEA						
ACESTE BELLIDIFERA	.	.	.	.	.	.
HEMIASTER EXPERGITUS	1	.	1	1	4	7
SCHIZASTER ORBIGNYANUS	.	.	.	.	1	1
	1	.	1	1	5	8
HOLOTHUROIDEA						
ASPIDOCHIROTIDAE	.	.	.	.	.	.
BENTHODYTES SP.	.	.	.	.	.	.
ECHINOCUCUMIS HISPIDA	.	.	.	.	.	.
HOLOTHUROIDEA	.	.	.	.	.	.
MOLPADIA SP.	.	.	.	.	.	.
MYRIOTROCHUS SP.	.	.	.	.	.	.
PROTANKYRA SP.	.	.	.	.	.	.
PSEUDOSTICHOPUS SP.	.	.	.	.	.	.
SYNAPTIDAE	.	.	.	.	.	.
	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise I Stations					
	C 1	C 2	C 3	C 4	C 5	Total
CRINOIDEA						
DEMOCRINUS BREVIS	.	.	.	.	.	.
MONACHOCRINUS CARIBBEUS	.	.	.	.	.	.
	.	.	.	.	.	.
ASCIDIACEA						
ASCIDIACEA	.	.	.	.	.	.
BATHYSTYELOIDES N. SP.	.	.	.	.	.	.
DICARPA SIMPLEX	.	.	3	10	.	13
HEXACROBYLUS ARCTICUS?	.	.	.	.	.	.
MINIPERA N.SP.	.	.	.	.	.	.
MINIPERA PEDUNCULATA	.	.	.	.	.	.
MINIPERA SP.	.	.	.	.	.	.
PSEUDODIAZONA ABYSSA	.	.	.	.	.	.
PYURIDAE	.	.	.	1	.	1
STYELIDAE	.	.	.	.	.	.
	.	.	3	11	.	14

Table C-5 (Con't)

	Cruise II Stations					
Taxa	W 1	W 2	W 3	W 4	W 5	Total
PORIFERA						
?CHONDROCLADIA SP.	.	.	.	.	.	.
?DRAGMATELLA SP.	.	.	.	.	.	.
?ESPERIOPSIS PULCHELLA	.	.	.	.	.	.
HADROMERIDA SP.	.	.	.	.	.	.
?HAMACANTHA SP.	.	.	.	.	.	.
?HOMOSCLEROMORPHA	.	.	.	.	.	.
HYALONEMATIDAE	.	.	.	.	.	.
?HYMEDESMIIDAE	.	.	.	.	2	2
LITHISTIDA SP.	.	.	.	.	.	.
MYCALE SP.A	.	.	.	.	.	.
MYCALE SP.B	.	.	.	.	.	.
MYCALE SP.C	.	.	.	.	.	.
MYCALE SP.D	.	.	.	.	.	.
MYCALE SP.E	.	.	.	.	.	.
?OXYCORDYLA SP.	.	.	.	.	.	.
PLAKINIDAE SP.A	.	.	.	.	.	.
PLAKINIDAE SP.B	.	.	.	.	.	.
PLAKINIDAE SP.C	.	.	.	.	.	.
POECILOSCERIDA	.	.	.	.	.	.
POLYMASTIA POLYTYLOTA?	.	.	.	.	.	.
POLYMASTIA SP.	.	.	.	.	.	.
POLYMASTIIDAE	.	.	.	.	.	.
STYLOCORDYLA SP.	.	.	.	.	.	.
?SUBERITIDAE SP.A	.	.	.	1	.	1
?SUBERITIDAE SP.B	.	.	1	.	.	1
SUBERITIDAE SP.C	.	.	.	.	.	.
TETHYA SP.A	.	1	.	.	.	1
TETILLA SP.B	.	.	.	.	.	.
THENEA SP.A	.	.	.	.	.	.
THENEA SP.B	.	.	.	.	2	2
THENEA SP.C	.	.	.	.	8	8
	.	1	1	1	12	15
HYDROZOA						
AGLAOPHENIA LATECARINATA	.	.	.	.	.	.
CORYMORPHIDAE SP.1	.	.	.	.	.	.
EUCUSPIDELLA SP.	.	.	.	.	.	.
OBELIA BIDENTATA	.	.	.	.	.	.
OBELIA DICHOTOMA	.	.	.	.	.	.
OPERCULARELLA SP.	.	.	.	.	.	.
PANDEIDAE	.	.	.	.	.	.
STYLACTIS SP.	.	.	.	.	.	.
TUBULARIIDAE	.	.	.	.	.	.
	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Total
ACTINIARIA						
ACTINIARIA	.	.	.	.	.	.
ACTINIARIAN LARVAE	.	.	.	.	.	.
?HALCAMPOIDIDAE	.	.	.	.	.	.
	.	.	.	.	.	.
SCLERACTINEA						
DELTOCYATHUS SP.	.	.	.	.	.	.
DENDROPHYLLIA ALTERNATA	.	.	.	.	.	.
SCHIZOCYATHUS FISSILIS	.	.	.	.	.	.
SCLERACTINIA	.	.	.	.	.	.
	.	.	.	.	.	.
POLYCHAETA						
ACROCIRRIDAE	.	.	3	.	1	4
AEDICIRA SP.	.	2	1	2	3	8
AGLAOPHAMUS CIRCINATA	.	.	.	.	1	1
AGLAOPHAMUS VERRILLI	.	.	.	.	.	.
AGLAOPHAMUS/INERMONEPHTYS SP.	.	.	.	.	.	.
AMPHARETE "SP.A"	.	.	.	.	.	.
AMPHARETIDAE	2	.	4	.	.	6
AMPHARETIDAE GENUS A	.	.	.	.	.	.
AMPHARETIDAE GENUS B	.	.	.	.	.	.
AMPHARETIDAE GENUS C	.	.	.	.	.	.
AMPHARETIDAE GENUS D	.	.	.	.	.	.
AMPHARETIDAE GENUS E	.	.	.	.	.	.
AMPHICTEIS GUNNERI	.	.	.	.	.	.
AMPHICTEIS SCAPHOBRANCHIATA	.	.	.	.	.	.
AMPHINOMIDAE	2	.	.	.	.	2
ANAITIDES MUCOSA	.	.	.	.	.	.
ANCISTROSYLLIS "SP.A"	.	.	.	.	.	.
AONIDES SP.	.	.	.	.	.	.
APHRODITIDAE	.	.	.	.	.	.
ARABELLIDAE	.	.	.	.	.	.
ARENICOLIDAE	.	.	.	.	.	.
ARICIDEA (ACMIRA) SIMPLEX	.	.	.	.	.	.
ARICIDEA (ARICIDEA) FRAGILIS	.	.	.	.	.	.
ARICIDEA CATHERINAE	.	.	.	.	.	.
ARICIDEA CERRUTI	.	.	.	.	.	.
ARICIDEA SUECICA	1	4	1	3	.	9
ARICIDEA TAYLORI	.	.	.	.	.	.
ARICIDEA TRILOBATA?	.	.	1	1	.	2
ARICIDEA WASSI?	.	.	.	.	.	.
ASCLEROCHEILUS BERINGIANUS	.	.	.	.	.	.
ASCLEROCHEILUS SP.A	.	.	.	.	.	.
ASYCHIS ATLANTICUS	.	.	.	.	.	.
AUCHENOPLAX CRINITA	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	W 1	W 2	W 3	W 4	W 5	Total
	Cruise II Stations					
POLYCHAETA (con't)						
AUGENERIA BIDENS	.	.	.	.	.	.
AUTOLYTUS SP.A	.	.	.	.	.	.
BRADA SP.A	.	.	.	.	.	.
BRADA VILLOSA	.	.	.	.	.	.
CALIFIA CALIDA	.	.	.	.	.	.
CALIFIA SP.A	.	.	.	.	.	.
CALIFIA SP.B	.	.	.	.	.	.
CAPETOMASTUS SP.A	.	.	.	.	.	.
CAPITELLA CAPITATA	.	.	.	.	.	.
CAPITELLIDAE	.	.	.	.	.	.
CAPITELLIDAE GENUS A	.	2	.	.	.	2
CAPITELLIDAE GENUS B	.	.	.	.	.	.
CAPITELLIDAE GENUS C	.	.	.	.	.	.
CAPITELLIDAE GENUS D	.	.	.	.	.	.
CAPITELLIDAE GENUS E	1	.	.	.	.	1
CAPITELLIDAE GENUS F	.	1	.	.	1	2
CAPITELLIDAE GENUS G	.	.	.	.	.	.
CAPITELLIDAE GENUS H	.	.	.	.	.	.
CAPITELLIDAE GENUS I	.	.	.	.	.	.
CAPITELLIDAE GENUS K	.	.	.	.	.	.
CAPITELLIDAE GENUS L	.	.	.	.	.	.
CAPITELLIDAE GENUS M	.	.	.	.	.	.
CAPITELLIDAE GENUS N	.	.	.	.	.	.
CAPITELLIDAE GENUS O	.	.	.	.	.	.
CAPITELLIDAE GENUS P	.	.	.	.	.	.
CAPITELLIDAE GENUS Q	.	.	.	.	.	.
CAPITELLIDAE GENUS R	.	.	.	.	.	.
CAPITELLIDAE GENUS S	.	.	.	.	.	.
CAPITELLIDAE GENUS T	.	.	.	.	.	.
CAPITELLIDAE GENUS U	.	.	.	.	.	.
CAPITELLIDAE GENUS V	.	.	.	.	.	.
CAPITELLIDAE GENUS W	.	.	.	.	.	.
?CAPITELLIDES SP.	.	.	.	.	.	.
CAPITOMASTUS SP.B	.	.	.	.	.	.
CAULLERIELLA CAPENSIS?	.	.	.	.	.	.
CAULLERIELLA SP.A	.	.	.	.	.	.
CERATOCEPHALE LOVENI	.	.	.	.	1	1
CERATOCEPHALE OCULATA	.	.	.	.	.	.
CHAETOPTERIDAE	.	.	.	.	.	.
CHAETOZONE "SP.C"	.	.	.	.	.	.
CHAETOZONE "SP.D"	.	.	.	.	.	.
CHONE SP.A	2	3	.	.	.	5
CHONE SP.B	.	.	.	2	.	2
CHONE SP.C	.	.	.	.	.	.
CHONE SP.D	.	.	.	.	.	.
CHONE SP.E	.	.	.	.	.	.
CHONE SP.F	.	.	.	.	.	.
CHONE SP.G	.	.	.	.	.	.
CIRRATULIDAE	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise II Stations					
Taxa	W 1	W 2	W 3	W 4	W 5	Total
POLYCHAETA (con't)						
CIRRATULUS SP.	.	.	.	.	.	.
CIRROPHORUS BRANCHIATUS	.	.	.	.	.	.
CIRROPHORUS LYRA	.	2	1	.	1	4
CIRROPHORUS SP.	.	.	.	.	.	.
CLYMENELLA TORQUATA	.	.	.	.	.	.
CLYMENURA SP.A	.	.	.	.	.	.
COSSURA DELTA	.	.	.	.	.	.
DECAMASTUS SP.A	.	.	.	.	1	1
DIPLOCIRRUS "SP.A"	2	.	2	.	.	4
DIPLOCIRRUS? SP.B	.	.	.	.	.	.
DIPLOCIRRUS CAPENSIS	.	.	.	.	.	.
DORVILLEA SOCIABILIS	.	.	.	.	.	.
DORVILLEIDAE	.	1	.	.	.	1
EHLERSILEANIRA INCISA	.	.	.	.	.	.
ETEONE SP.A	.	.	.	.	.	.
EUCHONE "SP.A"	.	.	.	.	.	.
EUCHONE CAPENSIS?	.	.	.	2	.	2
EUCHONE INCOLOR?	1	.	.	.	.	1
EULALIA SP.A	.	.	.	.	.	.
EUNICIDAE	.	.	.	.	.	.
EUPOLYMNIA SP.A	.	2	.	.	.	2
EUPOLYMNIA SP.B	.	.	.	.	.	.
EURYSYLLIS SP.A	.	.	.	.	.	.
EUSYLLIS LAMELLIGERA	.	1	.	.	.	1
EXOGONE "SP.A"	1	3	.	.	.	4
EXOGONE ATLANTICA	.	.	.	1	.	1
EXOGONE DISPAR	.	.	.	.	.	.
EXOGONE LONGICIRRUS?	.	.	.	.	.	.
EXOGONE SP.	.	.	.	.	.	.
EXOGONE SP.B	1	.	.	.	2	3
EXOGONE SP.C	.	.	.	.	.	.
EXOGONE SP.D	.	.	.	.	.	.
EXOGONINAE GENUS A	.	.	.	.	.	.
FABRICIA SP.A	.	.	.	.	.	.
FAUVELIOPSIS SP.B	3	1	2	.	1	7
FLABELLIDERMA SP.	.	.	.	.	.	.
FLABELLIGELLA PAPILLATA	.	.	.	.	.	.
FLABELLIGELLA SP.A	.	.	.	.	.	.
FLABELLIGERIDAE	.	.	.	.	.	.
GLYCERA PAPILLOSA?	.	.	.	.	.	.
GLYCERA SP.A	.	.	.	.	.	.
GLYCERA SP.B	.	.	.	.	.	.
GLYCERA SP.C	.	.	.	.	.	.
GLYCERIDAE	.	.	.	1	.	1
GLYCINDE NORDMANNI	.	.	.	.	.	.
GONIADA SP.A	.	.	.	.	.	.
GONIADA SP.B	.	.	.	.	.	.
GYPTIS BREVIPALPA	.	.	.	.	.	.
GYPTIS SP.A	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Total
POLYCHAETA (con't)						
GYPTIS SP.B	.	.	.	.	.	.
HAPLOSCOLOPLOS SP.A	.	.	.	.	.	.
HESIONIDAE	.	.	.	.	.	.
HESIOSPINA SP.A	.	.	.	.	.	.
HETEROMASTUS SP.A	.	.	1	.	.	1
HETEROSPIO "SP.A"	.	.	.	.	.	.
HETEROSPIO LONGISSIMA?	.	.	.	.	.	.
HETEROSPIO SP.	.	.	.	.	.	.
HYALINOECIA TUBICOLA	.	.	.	.	.	.
HYBOSCOLEX LONGISETA?	.	.	.	.	.	.
INERMONEPHTYS SP.A	.	.	.	.	.	.
KINBERGONUPHIS SP.A	.	.	.	.	.	.
KINBERGONUPHIS SP.B	.	.	.	.	.	.
LAONICE CIRRATA	.	1	.	.	.	1
LEANIRA HYSTRICUS	.	.	.	.	.	.
LEITOSCOLOPLOS FRAGILIS	.	1	.	.	.	1
LEITOSCOLOPLOS SP.A	.	.	.	.	.	.
LITOCORSA "SP.A"	50	22	.	.	.	72
LUGIA RARICA	.	.	.	1	.	1
LUMBRINERIDAE	.	.	.	.	.	.
LUMBRINERIDES ACUTA?	.	.	.	.	.	.
LUMBRINERIDES DAYI	1	2	1	1	1	6
LUMBRINERIDES SP.A	.	.	.	.	.	.
LUMBRINERIS BREVIPES	.	.	.	.	.	.
LUMBRINERIS CANDIDA	.	.	.	.	.	.
LUMBRINERIS COCCINEA	1	.	.	.	.	1
LUMBRINERIS LATRIELLI	.	2	.	.	.	2
LUMBRINERIS SP.	.	.	.	.	.	.
LUMBRINERIS SP.A	.	.	.	.	.	.
LUMBRINERIS TETRAURA	.	.	.	.	.	.
LUMBRINERIS VERRILLI	1	.	.	.	.	1
MAGELONA FILIFORMIS	1	.	.	.	.	1
MAGELONA LONGICORNIS	.	.	.	.	.	.
MAGELONA SP.A	.	.	.	.	.	.
MAGELONIDAE	.	.	.	.	.	.
MALDANE "SP.A"	.	.	.	.	.	.
MALDANE GLEBIFEX	1	.	.	.	.	1
MALDANE SP.B	.	.	.	.	.	.
MALDANIDAE	5	4	3	1	.	13
MALDANIDAE GENUS A	.	.	.	.	.	.
MALDANIDAE GENUS B	.	.	.	.	.	.
MALDANIDAE GENUS C	.	.	.	.	.	.
MEDIOMASTUS CALIFORNIENSIS	.	.	.	.	.	.
MELINNA CRISTATA	.	.	.	.	.	.
MICROMALDANE SP.	.	.	.	.	.	.
MICRONEPHTHYS MINUTA	.	.	.	.	.	.
MICRORBINIA SP.A	.	.	2	.	.	2
MICROSPIO SP.A	.	1	.	.	.	1

Table C-5 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Total
POLYCHAETA (con't)						
MOOREONUPHIS PALLIDULA	.	.	.	.	.	.
MYRIOCHELE HEERI?	.	.	.	1	.	1
MYRIOWENIA SP.A	6	.	.	.	.	6
MYSTIDES BOREALIS	.	.	.	.	.	.
NAINERIS SP.	.	.	.	.	.	.
NEOMEDIOMASTUS SP.A	.	1	.	.	.	1
NEPHTYIDAE	.	.	.	1	.	1
NEPHTYS INCISA	.	.	.	.	.	.
NEREIDAE	.	.	.	.	.	.
NEREIMYRA SP.A	.	.	.	.	.	.
NOTHRIA GEOPHILIFORMIS?	.	.	.	.	.	.
NOTHRIA SP.A	.	.	.	.	.	.
NOTHRIA SP.B	.	.	.	.	.	.
NOTOMASTUS AMERICANUS	.	.	.	.	.	.
NOTOMASTUS LATERICEUS	1	.	1	.	1	3
ONUPHIDAE	.	.	.	.	.	.
ONUPHIS "SP.A"	.	.	.	.	.	.
ONUPHIS EREMITA	.	.	2	.	.	2
OPHELIIDAE	.	.	.	.	.	.
OPHELINA SP.	.	.	.	.	.	.
OPHELINA SP.A	.	.	.	.	.	.
OPHELINA SP.B	.	.	.	.	.	.
OPHELINA SP.C	.	.	.	.	.	.
OPHELINA SP.D	.	1	.	.	.	1
OPHELINA SP.E	.	.	.	.	.	.
OPHELINA SP.F	.	1	2	.	.	3
OPHELINA SP.G	.	1	.	.	.	1
OPHIOGLYCERA SP.	.	.	.	.	.	.
OPHRYOTROCHA SP.A	.	.	.	.	.	.
ORBINIIDAE	.	.	.	.	.	.
PALEANOTUS "SP.A"	.	.	.	.	.	.
PALMYRA SP.A	.	.	.	.	.	.
PARADONEIS LYRA	.	.	.	.	.	.
PARAHETEROMASTIDES SP.A	.	.	.	1	.	1
PARALACYDONIA PARADOXA	.	.	.	.	.	.
PARALEIOCAPITELLA MOSSAMBICA	.	.	.	.	.	.
PARAMARPHYSA SP.	.	.	.	.	.	.
PARAMPHINOME PULCHELLA	.	.	.	2	.	2
PARANDALIA SP.A	.	.	.	.	.	.
PARAONIDAE	.	.	.	.	.	.
PARAONIS CORNATUS	.	.	.	.	.	.
PARAONIS GRACILIS	.	1	.	1	.	2
PARAPIONOSYLLIS SP.B	.	.	.	.	.	.
PARONUPHIS ABYSSORUM?	.	.	1	.	.	1
PARONUPHIS SP.A	.	.	.	.	.	.
PARONUPHIS SP.B	.	.	.	.	.	.
PERESIELLA SP.A	.	.	.	.	.	.
PHALACROSTEMMA SP.A	.	.	.	.	.	.
PHERUSA SP.	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Total
POLYCHAETA (con't)						
PHOLOE "SP.C"	.	2	.	.	.	2
PHOLOE MINUTA?	.	.	1	.	.	1
PHYLLODOCE CASTANEA?	.	1	.	.	.	1
PHYLLODOCIDAE	.	.	.	.	.	.
PHYLLODOCIDAE GENUS A	.	.	.	.	.	.
PHYLO NUDUS	.	.	.	.	.	.
PILARGIDAE	.	.	.	.	.	.
PIONOSYLLIS "SP.B"	2	2	.	.	.	4
PIONOSYLLIS SP.	.	.	.	.	.	.
PIONOSYLLIS SP.A	.	.	.	.	.	.
PIROMIS SP.A	.	.	.	.	.	.
PODARKE "SP.A"	.	.	.	.	.	.
PODARKE AGILIS	.	.	.	.	.	.
PODARKEOPSIS SP.A	.	.	.	.	.	.
POECILOCHAETUS SP.A	.	.	.	.	.	.
POECILOCHAETUS SP.B	.	.	1	.	.	1
POLYCHAETA	.	.	.	.	.	.
POLYNOIDAE "GENUS A"	.	.	.	.	.	.
POTAMILLA RENIFORMIS?	.	.	.	.	.	.
PRIONOSPIO (MINOSPIO) "SP.A"	.	.	.	.	.	.
PRIONOSPIO CIRRIFERA	34	10	2	2	1	49
PRIONOSPIO CIRROBRANCHIATA	.	.	.	.	.	.
PRIONOSPIO EHLERSI	.	1	.	.	.	1
PRIONOSPIO SP.	.	.	.	.	.	.
PRIONOSPIO SP.A	.	1	.	.	.	1
PRIONOSPIO SP.B	.	.	.	.	.	.
PRIONOSPIO SP.C	.	.	.	.	.	.
PRIONOSPIO SP.D	.	.	.	.	.	.
PRIONOSPIO STEENSTRUPI	.	.	.	.	.	.
PROCLEA SP.	.	.	.	.	.	.
PROGONIADA REGULARIS	.	.	.	.	.	.
PROTOMYSTIDES BIDENTATA	.	.	.	.	.	.
PSEUDOMALACOCEROS SP.A	.	.	.	.	.	.
PSUEDOMALACOCEROS SP.B	.	.	.	.	.	.
RHODINE SP.A	.	.	.	.	.	.
RHODINE SP.B	.	.	.	.	.	.
SABELLIDAE	.	.	.	.	.	.
?SABELLIDES SP.A	.	.	.	.	.	.
SARSONUPHIS HARTMANAE	6	2	.	1	.	9
SCHISTOMERINGOS RUDOLPHI	.	.	.	.	.	.
SCOLOLEPIS TEXANA	.	.	.	.	.	.
SCOLOPLOS RUBRA	.	.	.	.	.	.
SCOLOPLOS SP.	.	.	.	.	.	.
SCOLOPLOS SP.A	.	.	.	.	.	.
SIGALIONIDAE	.	.	.	.	.	.
SIGAMBRA BASSI	.	.	.	.	.	.
SIGAMBRA TENTACULATA	.	.	.	.	2	2
SPHAEREPHESIA SP.A	.	.	.	.	.	.
SPHAERODOROPSIS "SP.A"	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Total
POLYCHAETA (con't)						
SPHAEROSYLLIS ACICULA?	.	.	.	.	.	.
SPHAEROSYLLIS GLANDULATA	.	.	.	.	.	.
SPHAEROSYLLIS HYSTRIX	.	.	.	.	.	.
SPHAEROSYLLIS MAGNIDENTATA	.	.	.	.	.	.
SPHAEROSYLLIS PIRIFEROPSIS	.	.	.	.	.	.
SPHAEROSYLLIS SP.A	.	.	.	.	.	.
SPIOCHAETOPTERUS COSTARUM	.	.	.	.	.	.
SPIONIDAE	.	.	3	1	.	4
SPIONIDAE GENUS A	.	.	.	.	.	.
SPIONIDAE GENUS B	.	.	.	.	.	.
SPIOPHANES BERKELEYORUM	2	.	.	1	.	3
SPIOPHANES BOMBYX	.	.	1	.	.	1
SPIOPHANES KROYERI	.	.	.	.	.	.
SPIOPHANES MISSIONENSIS	.	.	.	.	.	.
SPIOPHANES SP.A	.	.	.	.	.	.
SPIOPHANES SP.B	.	.	.	.	.	.
SPIOPHANES SP.C	.	.	.	.	.	.
SPIOPHANES WIGLEYI	.	1	.	.	.	1
STERNASPIS SCUTATA	2	.	.	.	.	2
STHENELAIS SP.A	.	1	.	.	1	2
STHENOLEPIS SP.A	.	.	.	.	.	.
STREBLOSOMA SP.A	.	.	.	.	.	.
STREBLOSOMA SP.B	.	.	.	.	.	.
SYLLIDAE	.	.	.	.	1	1
SYLLIDAE GENUS B	.	.	.	.	.	.
SYLLIDAE GENUS C	.	.	.	.	.	.
SYLLIS (EHLERSIA) CORNUTA	.	.	.	.	.	.
SYLLIS (EHLERSIA) FERRUGINA	.	.	.	.	.	.
SYLLIS (EHLERSIA) SP.A	3	1	.	.	.	4
SYLLIS (EHLERSIA) SP.B	.	.	.	.	.	.
SYLLIS (TYPOSYLLIS) GERLACHI?	.	.	.	.	.	.
SYNELMIS KLATTI	.	1	.	.	.	1
TACHYTRYPANE JEFFREYSII	.	.	.	.	.	.
TACHYTRYPANE SP.A	.	.	2	.	1	3
TACHYTRYPANE SP.B	.	.	.	.	.	.
TACHYTRYPANE SP.C	.	.	.	.	.	.
TEREBELLIDAE	.	1	3	2	.	6
TEREBELLIDES STROEMI	2	1	.	1	1	5
THARYX ANNULOSUS?	.	.	.	.	.	.
THARYX MARIONI	2	3	2	6	2	15
THARYX SP.A	.	.	.	.	.	.
THEROCHAETA SP.A	.	.	.	.	.	.
TRAVISIA SP.A	.	.	1	.	.	1
TRICHOBRANCHUS GLACIALIS	.	.	.	.	.	.
TROCHOCHAETA SP.A	2	.	1	.	.	3
	138	88	45	35	23	329

Table C-5 (Con't)

	Cruise II Stations					
Taxa	W 1	W 2	W 3	W 4	W 5	Total
OLIGOCHAETA						
OLIGOCHAETA	.	1	.	.	.	1
	.	1	.	.	.	1
GASTROPODA						
ACTEONIDAE	.	.	.	.	.	.
ALVANIA XANTHIAS	.	.	.	.	.	.
BENTHOMANGELIA SP.	.	.	.	.	.	.
BENTHONELLA FISCHERI	.	.	1	.	.	1
BROOKULA SP.	.	.	.	.	.	.
CHIMA SP.	.	.	.	.	.	.
CHRYSALLIDA SP.	.	.	.	.	.	.
CIMA SP.	.	.	.	.	.	.
CINGULA SP.	.	.	.	.	.	.
CORINNAETURRIS SP.	.	.	.	.	.	.
CRENILABIUM SP.	.	.	.	.	.	.
ECCLISEOGYRA PERFORMOSA	.	.	.	.	.	.
EULIMA SP.	.	.	.	.	.	.
EULIMIDAE	.	.	.	.	.	.
GASTROPODA	.	1	2	.	.	3
LISSOSPIRA SP.	.	.	.	.	.	.
MANGELIINAE	.	.	.	.	.	.
MELANELLA SP.	.	.	.	.	.	.
PHILENE SP.	.	.	.	.	1	1
PYRUNCULUS OVATUS	.	.	.	.	.	.
RISSOIDAE	.	.	.	.	.	.
SCAPHANDER SP.	.	.	.	.	.	.
SCAPHANDER WATSONI	.	.	.	.	.	.
SEGUENZIA SP.	.	.	.	.	.	.
SKEINIDAE	.	.	.	.	.	.
TARANIS MALMI	.	.	.	.	.	.
TORNUS EXQUISITUS	.	.	.	.	.	.
	.	1	3	.	1	5
BIVALVIA						
?ASTARTE SP.	.	.	.	.	.	.
ASTARTE SP.A	.	.	2	1	.	3
BATHYARCA SP.A	.	.	.	.	.	.
BIVALVIA	10	8	5	2	2	27
CARDIOMYA SP.A	.	.	.	.	.	.
CARDIOMYA SP.B	.	.	.	.	.	.
CRENELLA SP.A	.	.	1	2	.	3
?CUSPIDARIA SP.	3	1	1	3	2	10
CYCLOPECTEN SP.A	.	.	.	.	.	.
DACRYDIUM VITREUM	.	.	.	1	.	1
EULAMELLIBRANCH SP.	.	2	.	.	2	4
EULAMELLIBRANCH SP.A	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	W 1	W 2	W 3	W 4	W 5	Total
	Cruise II Stations					
BIVALVIA (con't)						
EULAMELLIBRANCH SP.B	.	.	1	2	1	4
EULAMELLIBRANCH SP.C	.	.	.	.	.	.
EULAMELLIBRANCH SP.D	1	.	.	.	.	1
EULAMELLIBRANCH SP.E	.	.	.	.	.	.
EULAMELLIBRANCH SP.F	2	.	.	.	.	2
LIMA SP.	.	.	.	2	.	2
LIMOPSIS SP.	1	1	8	1	.	11
?LUCINA SP.	12	.	1	.	.	13
MACRODON (BENTHARCA) ASPERULA	.	.	.	1	.	1
MALLETIA SP.A	.	.	.	.	.	.
MALLETIA SP.B	.	.	.	.	.	.
NUCULA CALLICREDEMNA	.	.	.	.	.	.
NUCULA SP.A	.	1	4	.	.	5
NUCULA SP.B	.	.	1	1	.	2
NUCULANIDAE	.	.	.	.	.	.
NUCULANIDAE (NUCULANA?) SP.D	.	.	.	.	.	.
NUCULANIDAE (THESTYLEDA?) SP.I	.	.	.	.	.	.
NUCULANIDAE (TINDARIA?) SP.E	1	1	.	.	.	2
NUCULANIDAE (TINDARIA?) SP.G	.	.	1	.	.	1
NUCULANIDAE SP.B	.	.	.	3	4	7
NUCULANIDAE SP.C	.	.	.	.	.	.
NUCULANIDAE SP.F	.	.	.	1	.	1
NUCULANIDAE SP.H	.	.	1	1	.	2
NUCULANIDAE SP.J	.	.	.	.	.	.
NUCULANIDAE SP.K	.	.	.	.	.	.
NUCULANIDAE SP.L	.	.	.	.	.	.
?PECTEN SP.	.	1	.	.	.	1
POLICORDIA SP.A	.	.	.	.	.	.
PRISTOGLOMA NITENS	.	.	.	.	.	.
PRONUCULA SP.A	.	.	.	.	.	.
PROTOBRANCHIA	.	.	.	.	.	.
TELLINA SP.A	1	.	.	.	.	1
TELLINA SP.B	.	.	.	2	1	3
THYASIRA SP.A	.	.	.	.	.	.
THYASIRA SP.B	.	.	.	.	.	.
?VESICOMYA SP.	.	1	1	3	.	5
YOLDIELLA SP.A	.	.	.	.	.	.
	31	16	27	26	12	112
SCAPHAPODA						
CADULUS SP.	.	.	.	.	.	.
DENTALIIDAE	.	.	.	.	.	.
DENTALIUM CALLITHRIX	.	.	.	.	.	.
DENTALIUM DIDYMUM	.	.	.	.	.	.
DENTALIUM PERLONGUM	2	.	.	.	.	2
EPISIPHON SP.	.	.	.	.	1	1
HETEROSCHIZMOIDES CALLITHRIX	.	.	.	.	.	.
PULSELLUM PRESSUM	.	.	.	.	.	.

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Table C-5 (Con't)

Taxa	Cruise II Stations					
	W 1	W 2	W 3	W 4	W 5	Total
SCAPHAPODA (con't)						
SCAPHOPODA	.	.	2	1	.	3
SIPHONODENTALIIDAE	.	.	2	.	.	2
	2	.	4	1	1	8
OSTRACODA						
ANGULORGSTRUM SP.A	1	3	2	1	.	7
CYLINDROLEBERIDINAE	.	2	1	1	.	4
EUPHILOMEDES SP.A	.	2	.	.	.	2
HARBANSUS SP.	.	.	.	.	.	.
HARBANSUS SP.A	.	2	3	.	.	5
HARBANSUS SP.B	.	.	.	.	.	.
HARBANSUS SP.C	.	.	.	.	.	.
IGENE SP.A	.	.	.	.	.	.
PHILOMEDES SP.A	.	3	.	.	.	3
PODOCOPA	1	17	18	9	18	63
PSEUDOPHILOMEDES SP.A	.	.	.	.	.	.
PTEROCYPRIDINA SEX	.	.	.	.	.	.
SCLERANER SP.A	.	.	.	.	.	.
SCLEROCONCHA SP.A	.	.	.	.	.	.
SPINACOPIA SP.A	.	.	.	.	.	.
	2	29	24	11	18	84
CUMACEA						
APOCUMA N.SP.I	.	.	.	.	.	.
BATHYCUMA NATALENSE?	.	.	.	.	.	.
CAMPYLASPIS ALBA	.	.	.	.	.	.
CAMPYLASPIS BICARINATA	.	1	.	.	.	1
CAMPYLASPIS COGNATA	.	.	.	.	.	.
CAMPYLASPIS N. SP. (CF. PLICATA)	.	1	1	.	.	2
CAMPYLASPIS PILOSA	.	.	.	.	.	.
CAMPYLASPIS SP.	.	.	.	.	.	.
CAMPYLASPIS SPINOSA	.	.	1	.	.	1
CHALAROSTYLIS N. SP.E	.	.	.	.	.	.
CUMELLA ACULEATA	.	.	.	.	.	.
CUMELLA ACUMINATA	1	1	.	1	.	3
CUMELLA ANGUSTATA	.	.	.	.	.	.
CUMELLA ANTIPAI	.	.	.	.	.	.
CUMELLA BISHOPI	.	.	.	.	.	.
CUMELLA COMPACTA?	.	.	.	.	.	.
CUMELLA DAYAE	.	.	.	.	.	.
CUMELLA DECIPIENS	.	.	1	.	.	1
CUMELLA ERECTA	.	.	.	.	.	.
CUMELLA SP.	.	.	.	.	.	.
CUMELLOPSIS BICOSTATA	.	.	.	.	.	.
CUMELLOPSIS LAEVIS	.	.	.	.	.	.
CYCLASPIS LONGICAUDATA	1	.	.	.	.	1
CYCLASPOIDES SARSI	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise II Stations					
Taxa	W 1	W 2	W 3	W 4	W 5	Total
CUMACEA (con't)						
DIASTYLIS N.SP.H	.	.	.	.	.	.
EPILEUCON SP.	.	.	.	.	.	.
EPILEUCON TENUIROSTRIS?	.	.	.	.	.	.
EUDORELLA HISPIDA	.	.	.	.	.	.
EUDORELLA N. SP.C	.	.	.	.	.	.
EUDORELLA SP.	.	.	.	.	.	.
LEPTOSTYLIS MANCOIDES	.	.	.	.	.	.
LEPTOSTYLUS MACRURA	.	.	.	.	.	.
LEPTOSTYLUS N. SP.D	.	.	.	.	.	.
LEPTOSTYLUS SP.	.	.	.	.	.	.
LEUCON MACRORHINUS?	.	.	.	.	.	.
LEUCON N. SP. (CF. MACRORHINUS)	.	.	.	.	.	.
LEUCON SERRATUS?	.	.	.	.	.	.
LEUCON SP.	1	.	.	.	.	1
LEUCON TENER?	.	.	.	.	.	.
LEUCON TENER	.	.	.	.	.	.
LEUCON TURGIDULUS	.	.	.	.	1	1
MACROKYLINDRUS N. SP. CF. CINGULATUS	.	.	.	.	.	.
MACROKYLINDRUS N. SP. CF. LOMAKINAE	.	.	.	.	.	.
MACROKYLINDRUS SP.	.	.	.	.	.	.
MESOLAMPROPS N. SP.B	.	.	.	.	.	.
MURILAMPROPS BRASILIENSIS	.	.	.	.	.	.
PARALAMPROPS N. SP.F	.	.	.	.	.	.
PETALOSARSIA LONGIROSTRIS	.	.	2	.	.	2
PLATYCUMA CANDIDA	.	.	.	.	.	.
PROCAMPYLASPUS ACANTHOMMA	.	.	.	.	.	.
PROCAMPYLASPUS OMMIDION	.	.	1	.	.	1
PROCAMPYLASPUS SP.	.	.	.	.	.	.
VAUNTHOMPSONIINAE N. SP.	.	.	.	.	.	.
VEMAKYLINDRUS COSTARICANUS	.	.	.	.	.	.
VEMAKYLINDRUS N.SP. (CF. COSTARICANUS	.	.	.	.	.	.
	3	3	6	1	1	14
TANAIDACEA						
AGATHOTANAIS SP.1	.	.	.	.	.	.
ANARTHRURA SP.4	.	.	.	.	.	.
ANARTHRURIDAE SP.1	.	.	.	.	1	1
ANARTHRURIDAE SP.2	.	.	.	.	.	.
ANARTHRURIDAE SP.3	.	.	.	.	.	.
ANARTHRURIDAE SP.4	.	.	.	.	.	.
APSEUDES SP.1	.	.	1	1	1	3
APSEUDES SP.2	5	.	.	.	.	5
APSEUDES SP.3	.	.	.	.	1	1
APSEUDES SP.4	.	.	1	.	.	1
APSEUDES SP.5	.	.	.	.	.	.
APSEUDES SP.6	.	.	.	.	.	.
APSEUDES SP.7	.	.	.	.	.	.
APSEUDIDAE	.	.	1	.	.	1

Table C-5 (Con't)

	Cruise II Stations					
Taxa	W 1	W 2	W 3	W 4	W 5	Total
TANAIDACEA (con't)						
APSEUDIDAE SP.1	2	2	.	.	.	4
APSEUDIDAE SP.2	.	.	.	.	.	.
APSEUDIDAE SP.3 (GENUS C)	.	.	.	.	.	.
APSEUDIDAE SP.4	.	.	.	.	.	.
LEPTOGNATHIA SP.	1	.	.	.	.	1
LEPTOGNATHIA SP.1	.	.	.	.	.	.
LEPTOGNATHIA SP.10	.	.	.	.	2	2
LEPTOGNATHIA SP.11	.	.	.	.	.	.
LEPTOGNATHIA SP.14	.	.	.	.	.	.
LEPTOGNATHIA SP.15	.	.	3	.	.	3
LEPTOGNATHIA SP.17	.	.	.	.	.	.
LEPTOGNATHIA SP.2	.	.	.	2	.	2
LEPTOGNATHIA SP.20	.	.	.	.	.	.
LEPTOGNATHIA SP.22	.	.	.	.	.	.
LEPTOGNATHIA SP.23	.	.	.	1	.	1
LEPTOGNATHIA SP.24	.	.	.	.	.	.
LEPTOGNATHIA SP.26	.	.	.	.	.	.
LEPTOGNATHIA SP.27	.	.	.	.	.	.
LEPTOGNATHIA SP.28	.	.	.	.	.	.
LEPTOGNATHIA SP.29	.	.	.	.	.	.
LEPTOGNATHIA SP.3	.	1	1	.	.	2
LEPTOGNATHIA SP.30	1	.	.	.	.	1
LEPTOGNATHIA SP.31	.	.	.	.	.	.
LEPTOGNATHIA SP.32	.	.	.	.	.	.
LEPTOGNATHIA SP.33	.	.	.	.	.	.
LEPTOGNATHIA SP.34	.	.	.	.	.	.
LEPTOGNATHIA SP.35	.	.	.	.	.	.
LEPTOGNATHIA SP.37	.	.	.	.	.	.
LEPTOGNATHIA SP.38	.	.	.	.	.	.
LEPTOGNATHIA SP.39	.	.	.	.	.	.
LEPTOGNATHIA SP.4	.	.	.	.	.	.
LEPTOGNATHIA SP.41	.	.	.	.	.	.
LEPTOGNATHIA SP.42	.	.	.	.	.	.
LEPTOGNATHIA SP.43	.	.	.	.	.	.
LEPTOGNATHIA SP.45	.	.	1	.	.	1
LEPTOGNATHIA SP.46	.	.	.	.	.	.
LEPTOGNATHIA SP.47	.	.	1	.	.	1
LEPTOGNATHIA SP.48	.	.	.	.	.	.
LEPTOGNATHIA SP.49	.	.	.	.	.	.
LEPTOGNATHIA SP.5	.	.	.	.	.	.
LEPTOGNATHIA SP.51	1	.	.	2	.	3
LEPTOGNATHIA SP.52	.	.	.	.	.	.
LEPTOGNATHIA SP.53	.	.	.	.	.	.
LEPTOGNATHIA SP.54	.	.	.	.	.	.
LEPTOGNATHIA SP.55	.	.	.	.	.	.
LEPTOGNATHIA SP.56	1	.	.	.	.	1
LEPTOGNATHIA SP.57	.	.	.	.	.	.
LEPTOGNATHIA SP.58	.	.	.	.	.	.
LEPTOGNATHIA SP.59	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Total
TANAIDACEA (con't)						
LEPTOGNATHIA SP.6	.	1	.	.	.	1
LEPTOGNATHIA SP.60	.	.	.	.	.	.
LEPTOGNATHIA SP.61	5	.	.	.	.	5
LEPTOGNATHIA SP.62	.	.	.	.	.	.
LEPTOGNATHIA SP.63	1	1	.	.	.	2
LEPTOGNATHIA SP.64	.	.	.	1	.	1
LEPTOGNATHIA SP.65	.	1	.	.	.	1
LEPTOGNATHIA SP.66	.	1	.	.	.	1
LEPTOGNATHIA SP.67	.	.	1	.	.	1
LEPTOGNATHIA SP.68	.	.	.	.	.	.
LEPTOGNATHIA SP.69	.	.	.	.	.	.
LEPTOGNATHIA SP.7	.	.	.	.	.	.
LEPTOGNATHIA SP.70	.	.	.	.	.	.
LEPTOGNATHIA SP.71	.	.	.	.	2	2
LEPTOGNATHIA SP.72	.	.	.	.	.	.
LEPTOGNATHIA SP.73	.	.	.	.	.	.
LEPTOGNATHIA SP.74	.	.	.	.	.	.
LEPTOGNATHIA SP.75	.	.	.	.	.	.
LEPTOGNATHIA SP.76	.	.	.	.	.	.
LEPTOGNATHIA SP.77	.	.	.	.	.	.
LEPTOGNATHIA SP.78	.	.	.	.	.	.
LEPTOGNATHIA SP.79	.	.	.	.	.	.
LEPTOGNATHIA SP.8	.	.	.	.	.	.
LEPTOGNATHIA SP.80	.	.	.	.	.	.
LEPTOGNATHIA SP.81	.	.	.	.	.	.
LEPTOGNATHIA SP.A MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.B MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.C MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.D MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.E MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.F MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.G MALE	1	.	.	.	.	1
LEPTOGNATHIA SP.H MALE	.	.	.	1	.	1
LEPTOGNATHIA SP.I MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.J MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.K MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.L MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.M MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.N. MALE	.	.	.	.	.	.
LEPTOGNATHIIDAE	.	.	.	.	.	.
LEPTOGNATHIIDAE GENUS B	.	.	.	.	.	.
NEOTANAIS SP.1	.	.	1	2	.	3
PARANARTHRURA INSIGNIS?	.	1	.	2	.	3
PARANARTHRURA SP.	.	.	.	.	.	.
PARANARTHRURA SP.1	.	.	2	.	.	2
PARANARTHRURA SP.2	.	.	.	.	.	.
PARANARTHRURA SP.3	.	.	2	.	.	2
PARANARTHRURA SP.4	.	.	.	.	.	.
PARANARTHRURA SP.5	.	.	1	.	.	1

Table C-5 (Con't)

	Cruise II Stations					
Taxa	W 1	W 2	W 3	W 4	W 5	Total
TANAIDACEA (con't)						
PARATANAIDAE SP.1	.	6	1	.	.	7
PARATANAIDAE SP.2	.	.	2	.	.	2
PSEUDOTANAIDAE	.	.	.	.	.	.
PSEUDOTANAIDAE GENUS A (N.SP,N.GEN)	.	.	.	.	.	.
PSEUDOTANAIDAE SP.A MALE	.	.	.	.	.	.
PSEUDOTANAIS SP.	.	.	.	.	.	.
PSEUDOTANAIS SP.1	.	1	2	5	6	14
PSEUDOTANAIS SP.2	.	.	.	.	.	.
PSEUDOTANAIS SP.3	.	.	.	.	.	.
PSEUDOTANAIS SP.4	.	.	.	.	.	.
SPHYRAPHUS SP.1	.	.	.	.	.	.
SPHYRAPHUS SP.2	.	.	.	.	.	.
STRONGYLURA SP.1	.	.	.	.	2	2
STRONGYLURA SP.2	.	.	1	.	.	1
TANAELLA SP.1	.	1	1	.	.	2
TANAELLA SP.2	.	.	.	1	.	1
TANAIDACEA	.	.	.	.	.	.
TYPHLOTANAIS SP.	.	1	.	.	1	2
TYPHLOTANAIS SP.1	.	1	.	1	.	2
TYPHLOTANAIS SP.10	.	.	1	.	.	1
TYPHLOTANAIS SP.11	.	.	2	.	.	2
TYPHLOTANAIS SP.12	.	.	.	.	.	.
TYPHLOTANAIS SP.13	.	.	.	.	.	.
TYPHLOTANAIS SP.14	.	.	.	.	.	.
TYPHLOTANAIS SP.15	.	.	1	.	.	1
TYPHLOTANAIS SP.16	.	.	.	.	.	.
TYPHLOTANAIS SP.17	.	.	.	1	.	1
TYPHLOTANAIS SP.2	.	.	.	.	.	.
TYPHLOTANAIS SP.3	.	.	.	.	.	.
TYPHLOTANAIS SP.4	.	.	.	.	.	.
TYPHLOTANAIS SP.5	.	1	.	.	.	1
TYPHLOTANAIS SP.6	.	1	.	.	.	1
TYPHLOTANAIS SP.7	.	.	.	.	.	.
TYPHLOTANAIS SP.8	.	.	.	.	.	.
TYPHLOTANAIS SP.9	.	1	.	.	.	1
	18	21	27	20	16	102
ISOPODA						
ACANTHOCOPE SP.231	.	.	.	.	.	.
ANTHOCOPE SP.295	.	.	.	.	.	.
ANTHURIDAE (SP.259)	.	.	.	.	.	.
BALBIDOCOLON SP.267	.	.	.	2	.	2
BELONECTES SP.220	.	.	.	.	.	.
BETAMORPHA SP.292	.	.	.	.	.	.
CHELATOR SP.212	.	.	.	.	.	.
CHELATOR SP.237	.	.	.	.	.	.
CHELATOR SP.251	.	.	4	2	1	7
CHELATOR SP.284	.	1	1	1	.	3

Table C-5 (Con't)

Taxa	W 1	W 2	W 3	W 4	W 5	Total
	Cruise II Stations					
ISOPODA (con't)						
CIROLANA SP.282	.	.	.	.	.	.
CONILERA SP.214	.	.	.	.	.	.
CRYPTONISCIDAE SP.257	.	.	.	.	.	.
CYATHURA SP.263	.	.	.	.	.	.
DENDROMUNNA SP.249	.	.	.	.	.	.
DENDROTION SP.246	.	.	.	.	.	.
DESMOSOMA SP.248	.	.	.	.	.	.
DESMOSOMA SP.260	.	.	.	.	.	.
DESMOSOMATIDAE	.	.	1	.	1	2
DISCONECTES SP.262	.	.	.	.	.	.
DISCONECTES SP.272	.	.	.	.	.	.
DISPARELLA SP.274	.	2	.	.	.	2
ECHINOPLEURA SP.291	.	.	.	.	.	.
EUGERDA SP.	.	.	.	.	.	.
EUGERDA SP.215	.	.	.	.	.	.
EUGERDA SP.236	.	.	.	1	.	1
EUGERDA SP.289	.	.	.	.	.	.
EUGERDELLA SP.229	.	.	.	.	.	.
EUGERDELLA SP.241	.	.	.	.	.	.
EURYCOPE SP.	.	.	.	.	.	.
EURYCOPE SP.277	.	.	.	.	.	.
EURYCOPE SP.283	.	.	.	2	.	2
EURYCOPIDAE	.	.	.	1	.	1
EURYCOPIDAE N. GEN. B (SP.271)	.	.	.	.	.	.
EURYCOPIDAE N. GEN. X2 (SP.258)	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS G	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS H	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS Y	.	.	.	.	.	.
EXILINISCUS SP.232	.	.	.	.	.	.
EXILINISCUS SP.255	.	.	.	.	.	.
GNATHIA SP.201	.	.	.	.	.	.
GNATHIA SP.210	.	.	.	.	.	.
GNATHIA SP.211	1	1	.	.	.	2
GNATHIA SP.226	.	.	3	.	.	3
HAPLOMESUS SP.207	.	.	.	.	.	.
HAPLOMESUS SP.239	.	.	.	1	.	1
HAPLOMSUS SP.	.	.	.	.	.	.
HAPLONISCUS SP.234	.	.	1	.	.	1
HAPLONISCUS SP.273	.	2	.	.	.	2
HAPSIDOHEDRA SP.245	.	.	.	.	.	.
HETEROMESUS SP.288	.	.	.	1	.	1
ILYARACHNA SP.218	.	.	.	.	.	.
ISCHNOMESUS SP.	.	.	.	.	.	.
ISCHNOMESUS SP.208	.	6	.	.	.	6
ISCHNOMESUS SP.222	.	1	.	.	.	1
ISCHNOMESUS SP.227	.	4	.	.	.	4
ISCHNOMESUS SP.247	.	.	.	.	.	.
ISCHNOMESUS SP.275	.	.	.	1	.	1
ISCHNOMESUS SP.276	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations					
	W 1	W 2	W 3	W 4	W 5	Total
ISOPODA (con't)						
ISCHNOMESUS SP.278	.	.	.	.	.	.
ISOPODA	.	.	.	.	.	.
KATIANIRA SP.244	.	.	.	.	.	.
LEPTANTHURA SP.205	.	2	.	.	.	2
LEPTANTHURA SP.219	.	.	1	.	.	1
LIPOMERA SP.280	.	1	2	.	.	3
MACROSTYLUS SP.223	.	.	.	.	.	.
MACROSTYLUS SP.256	.	.	.	2	1	3
MALACANTHURA SP.294	.	.	.	.	.	.
MIRABILICOXA SP.253	.	.	.	.	.	.
MIRABILICOXA SP.254	.	.	.	1	.	1
MIRABILICOXA SP.261	.	.	.	.	.	.
MIRABILICOXA SP.269	.	.	.	.	.	.
MOMEDOSSA SP.268	.	.	.	.	.	.
NANNONISCIDAE N. GEN. X SP.213	.	.	.	.	.	.
NANNONISCOIDES SP.229	.	.	.	.	.	.
NANNONISCOIDES SP.250	.	.	.	.	.	.
NANNONISCONUS SP.240	.	.	.	.	.	.
NANNONISCUS SP.233	.	.	.	.	.	.
NANNONISCUS SP.242	.	.	.	2	.	2
NOTOXENOIDES SP.206	.	.	.	.	.	.
OCSANTHURA SP.266	.	.	.	1	.	1
PANETELA SP.224	.	.	.	.	.	.
PROCHELATOR SP.202	.	.	.	.	.	.
PROCHELATOR SP.209	.	.	.	1	.	1
PROCHELATOR SP.228	.	1	.	.	.	1
PROCHELATOR SP.235	6	3	.	.	.	9
PROCHELATOR SP.238	.	.	.	.	.	.
PROCHELATOR SP.290	.	.	.	.	.	.
PSEUDARACHNA SP.281	.	.	.	.	.	.
PSEUDOMESUS SP.293	.	.	.	.	.	.
RAPANISCUS SP.265	.	.	.	.	.	.
REGABELLATOR SP.221	.	.	.	.	.	.
THAMBEMA SP.243	.	1	.	.	.	1
THAUMASTASOMA SP.279	.	.	.	.	.	.
TORWOLIA SP.203	8	3	.	1	.	12
WHOIA SP.216	.	.	.	.	.	.
WHOIA SP.225	.	.	.	.	.	.
WHOIA SP.264	.	.	.	.	.	.
WHOIA SP.270	.	.	.	2	.	2
	15	28	13	22	3	81
AMPHIPODA						
ACANTHONOTOZOMATIDAE N.SP.1	.	.	.	.	.	.
AMPELISCA AGASSIZI	.	.	.	.	.	.
AMPELISCA PACIFICA?	.	.	.	.	.	.
AMPELISCA SP.	1	.	.	.	.	1

Table C-5 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Total
AMPHIPODA (con't)						
AMPELISCA SP.2	.	.	.	1	1	2
AMPELISCA SP.3	.	.	.	.	.	.
AMPELISCIDAE	.	.	.	.	.	.
AMPHIPODA	.	3	1	.	.	4
AMPHIPODA UNKNOWN FAMILY 1	.	.	.	.	.	.
BATHYMEDON N.GEN.	.	.	.	.	.	.
BYBLIS N.SP.1	1	.	.	.	.	1
BYBLIS SP.	.	.	.	.	.	.
BYBLIS SP.2	.	.	.	.	.	.
CAPRELLIDAE	.	.	.	.	.	.
CARANGOLIA N.SP.1	.	.	.	.	.	.
COROPHIIDAE	.	.	.	.	.	.
COROPHIIDAE SP.1	.	.	.	.	.	.
COROPHIOIDEA N.SP.1	.	.	.	.	.	.
COROPHIOIDEA SP.2	.	.	.	.	.	.
EUSIRIDAE N. GEN. 1	.	.	1	.	.	1
GAMMAROPSIS SP. 1	.	.	.	.	.	.
HARPINIINAE	.	.	.	1	.	1
HARPINIINAE SP.2	.	.	.	.	.	.
HAUSTORIIDAE	.	.	.	.	.	.
?INGOLFIELLIDAE	.	.	.	.	.	.
JEDDO N.SP.1	.	.	.	.	.	.
LEPECHINELLIDAE	.	.	.	.	.	.
LEPTOPHOXUS	.	.	.	.	.	.
LEPTOPHOXUS N.SP.A	.	.	.	.	.	.
LEUCOTHOE SP.1	.	.	.	.	.	.
LILJEBORGIIDAE	.	.	.	.	.	.
LYSIANASSIDAE	.	.	.	.	.	.
LYSIANASSIDAE N.SP.1	.	.	.	.	.	.
LYSIANASSIDAE SP.2	.	.	.	.	.	.
LYSIANASSIDAE SP.3	.	.	.	.	.	.
LYSIANASSIDAE SP.5	.	.	.	.	.	.
MAYERELLA REDUNCA	.	.	.	.	.	.
MAYERELLA SP.	.	.	.	.	.	.
MELITA SP.1	.	.	.	.	.	.
MELITA SP.2	.	.	.	.	.	.
MELITA SP.3	.	.	.	.	.	.
MELITA SP.4	.	.	.	.	.	.
MELITIDAE	1	.	.	.	.	1
METAPHOXUS A	.	.	.	.	.	.
METAPHOXUS N.SP.	.	3	1	.	.	4
OEDICEROPSIS	.	.	.	.	.	.
PARAMETOPELLA N.SP.1	.	.	.	.	.	.
PARDISYNOPIA N.SP.1	.	.	.	.	.	.
PHOXOCEPHALIIDAE	.	2	1	.	.	3
PHOXOCEPHALUS SP.	.	.	1	.	.	1
PHOXOCEPHALUS SP.1	.	.	.	.	.	.
SEBIDAE	.	.	.	.	.	.
STENOTHOIDAE	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise II Stations					
Taxa	W 1	W 2	W 3	W 4	W 5	Total
AMPHIPODA (con't)						
SYNOPIIDAE	.	.	.	.	.	.
SYNOPIIDAE N. GEN. 2	.	.	.	.	.	.
SYNOPIIDAE N.GEN.1	.	.	.	.	.	.
SYNOPIIDAE SP.2	.	.	.	.	.	.
SYNOPIIDAE SP.3	.	1	.	.	.	1
SYNOPIIDAE SP.4	.	.	.	.	.	.
SYNOPIIDAE SP.5	.	.	.	.	.	.
SYRRHOE N. SP. 1	.	.	.	.	.	.
?VALETTIOPSIS SP.1	.	.	.	.	.	.
	3	9	5	2	1	20
DECAPODA						
AXIIDAE SP.A	.	.	.	.	.	.
AXIUS SP.	.	.	.	.	.	.
BATHYPLAX TYPHLA	.	1	.	.	.	1
CALLIANASSIDAE	.	.	.	.	.	.
CYMONOMUS N.SP.	.	.	.	.	.	.
NEPHROPSIS ACULEATA	.	.	.	.	.	.
	.	1	.	.	.	1
SIPUNCULA						
ASPIDOSIPHON SP.	.	.	.	.	.	.
ASPIDOSIPHON SP.A (CF. MUELLERI)	.	.	.	.	.	.
ASPIDOSIPHON SP.B	.	.	.	.	.	.
ASPIDOSIPHON SP.C	.	.	.	.	.	.
ASPIDOSIPHON SP.D	1	.	.	.	.	1
ASPIDOSIPHON SP.E	.	.	.	.	.	.
GOLFINGIA SP.	2	1	.	1	.	4
GOLFINGIA SP.A	.	.	.	.	.	.
GOLFINGIA SP.B	.	.	.	1	.	1
GOLFINGIA SP.C	.	.	.	.	.	.
GOLFINGIA SP.D	.	.	.	.	.	.
GOLFINGIA SP.E	2	2	.	.	.	4
GOLFINGIA SP.F	7	1	.	.	.	8
GOLFINGIA SP.G	5	2	.	.	.	7
GOLFINGIA SP.H	.	.	.	.	.	.
GOLFINGIA SP.I	.	.	.	.	.	.
GOLFINGIA SP.J	.	.	.	.	.	.
GOLFINGIA SP.K	.	.	.	.	.	.
GOLFINGIA SP.L	.	.	.	.	.	.
GOLFINGIA SP.M	.	.	.	.	.	.
GOLFINGIA SP.N	.	.	.	.	.	.
GOLFINGIA SP.O	.	.	.	.	.	.
GOLFINGIA SP.P	.	.	.	.	.	.
GOLFINGIIDAE	.	.	.	.	.	.
ONCHNESOMA SP.A	.	.	.	.	.	.
ONCHNESOMA SP.B	.	1	.	.	.	1

Table C-5 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Total
SIPUNCULA (con't)						
ONCHNESOMA SQUAMATUM	.	.	.	.	.	.
ONCHNESOMA STEENSTRUPII	2	.	.	.	.	2
PHASCOLION SP.A	.	.	.	.	.	.
PHASCOLION SP.B	1	.	.	.	.	1
PHASCOLION SP.C	.	.	.	.	.	.
SIPHONOSOMA SP.	.	.	.	.	.	.
SIPHONOSOMA SP.A	.	.	.	.	.	.
SIPUNCULA	.	.	.	.	.	.
SIPUNCULA SP.A	.	.	.	.	.	.
SIPUNCULA SP.B	.	.	.	.	.	.
SIPUNCULIDAE	.	.	.	.	.	.
	20	7	.	2	.	29
BRYOZOA						
ANGUISIA SP.	.	.	.	.	.	.
BATHYALAZOON FORESTI?	.	.	.	.	.	.
BIFAXARIIDAE SP.F (N. GEN. N. SP.)	.	.	.	.	.	.
CHEILOSTOMATA	.	.	3	.	.	3
CHEILOSTOMATA SP. A (N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. B (N.G., N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. C (N.G., N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. D (N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. E (N.GEN.)	.	.	.	.	.	.
CHEILOSTOMATA SP.2145	.	.	.	.	3	3
CHEILOSTOMATA SP.2153	.	.	.	.	.	.
CHEILOSTOMATA SP.2154	.	.	.	.	.	.
CHEILOSTOMATA SP.2164	.	.	.	.	1	1
CHEILOSTOMATA SP.2166	1	.	1	1	.	3
CHEILOSTOMATA SP.2167	.	.	.	.	.	.
CHEILOSTOMATA SP.2169	3	.	.	.	.	3
CHEILOSTOMATA SP.2172	.	.	.	1	.	1
CHEILOSTOMATA SP.2198	1	.	.	.	.	1
CHEILOSTOMATA SP.2205	.	.	.	.	1	1
CHEILOSTOMATA SP.2210	.	.	.	.	.	.
CHEILOSTOMATA SP.2230	.	.	.	.	.	.
CHEILOSTOMATA SP.2243	.	.	.	.	1	1
CHEILOSTOMATA SP.2278	.	.	.	.	1	1
CHEILOSTOMATA SP.2333	.	.	.	.	.	.
CLAVIPORIDAE	1	.	.	.	.	1
CTENOSTOMATA	1	.	.	.	.	1
CTENOSTOMATA SP.2162	.	1	.	.	.	1
CTENOSTOMATA SP.2171	.	.	.	.	.	.
CTENOSTOMATA SP.2173	.	.	.	.	.	.
CTENOSTOMATA SP.2176	.	.	.	.	.	.
CTENOSTOMATA SP.2180	.	.	.	.	.	.
CTENOSTOMATA SP.2185	.	.	.	.	.	.
CTENOSTOMATA SP.2219	.	.	.	.	.	.
CTENOSTOMATA SP.2222	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations					
	W 1	W 2	W 3	W 4	W 5	Total
BRYOZOA (con't)						
CTENOSTOMATA SP.2225	.	.	.	.	.	.
CTENOSTOMATA SP.2229	.	.	.	.	.	.
CTENOSTOMATA SP.2235	.	.	.	.	.	.
CTENOSTOMATA SP.2236	.	.	.	.	.	.
CTENOSTOMATA SP.2245	.	.	.	.	.	.
CTENOSTOMATA SP.2249	.	.	.	.	.	.
CTENOSTOMATA SP.2251	.	.	.	.	.	.
CTENOSTOMATA SP.2255	.	.	.	.	.	.
CTENOSTOMATA SP.2261	.	.	.	.	.	.
CTENOSTOMATA SP.2270	.	.	.	.	.	.
CTENOSTOMATA SP.2271	.	.	.	.	.	.
CTENOSTOMATA SP.2274	.	.	.	.	.	.
CTENOSTOMATA SP.2281	.	.	.	.	.	.
CTENOSTOMATA SP.2314	.	.	.	.	.	.
CTENOSTOMATA SP.2320	.	.	.	.	.	.
EUGINOMA CAVALIERI	.	.	.	.	1	1
EUGINOMA N.SP.	.	.	.	.	2	2
HELIODOMA SP.	.	.	.	.	.	.
MEMBRANIPORA SP.	.	.	.	.	.	.
MEMBRANIPORA TUBERCULATA	.	.	.	.	.	.
METALCYONIDIUM SP.	.	.	.	.	.	.
METRARABDOTOMORPHA AENIGMATISTES	.	.	1	.	.	1
METRARABDOTOMORPHA SP.	.	.	3	.	.	3
NEOFLUSTRELLIDRA SCHOPFI	1	.	.	.	.	1
NOLELLA HAMPSONI	.	.	.	.	.	.
NOLELLA SP.	3	.	2	.	.	5
NOTOPLITES SP.	.	.	.	.	.	.
PACHYZOON ATLANTICUM	.	.	.	.	.	.
PSEUDALCYONIDIUM BOBINAE	.	.	.	.	.	.
PSEUDALCYONIDIUM SP.	.	.	.	.	.	.
SCLERODOMUS SP.	.	.	.	.	1	1
SCRUPOCELLARIA SPP.	.	.	.	.	.	.
SETOSELLINA GOESII	.	.	.	.	.	.
SETOSELLINA SP.	.	.	.	.	.	.
SPHAERULOBRYOZOON PEDUNCULATUM	.	.	.	.	.	.
SPHAERULOBRYOZOON SP.	1	.	.	.	.	1
	12	1	10	2	11	36
BRACHIOPODA						
ARGYROTHECA N.SP.	.	.	.	.	.	.
CRYPTOPORA RECTIMARGINATA	.	.	.	1	.	1
	.	.	.	1	.	1

Table C-5 (Con't)

Taxa	Cruise II Stations					
	W 1	W 2	W 3	W 4	W 5	Total
ASTEROIDEA						
ASTEROIDEA	.	.	.	.	.	.
?TOSIA SP.	.	.	.	.	.	.
	.	.	.	.	.	.
OPHIUROIDEA						
AMPHILEPIS SP.	.	.	.	.	.	.
AMPHIURA SEMIERMIS	.	.	.	.	.	.
OPHIACANTHIDAE JUVENILE SP.J	.	.	.	.	.	.
OPHIACANTHIDAE JUVENILE SP.K	.	.	.	.	.	.
OPHIERNUS SP.	.	.	.	.	.	.
OPHIOSTRIATUS SP.	.	.	.	.	.	.
OPHIOTHOLIA SP.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.A	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.B	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.C	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.D	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.E	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.F	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.G	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.H	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.I	.	.	.	.	.	.
	.	.	.	.	.	.
ECHINOIDEA						
ACESTE BELLIDIFERA	.	.	1	.	.	1
HEMIASTER EXPERGITUS	.	.	.	.	.	.
SCHIZASTER ORBIGNYANUS	.	.	.	.	.	.
	.	.	1	.	.	1
HOLOTHUROIDEA						
ASPIDOCHIROTIDAE	.	.	.	.	.	.
BENTHODYTES SP.	.	.	.	.	.	.
ECHINOCUCUMIS HISPIDA	.	.	.	.	.	.
HOLOTHUROIDEA	.	.	.	.	.	.
MOLPADIA SP.	.	.	.	.	.	.
MYRIOTROCHUS SP.	.	4	.	.	.	4
PROTANKYRA SP.	.	2	.	.	.	2
PSEUDOSTICHOPUS SP.	.	.	.	.	.	.
SYNAPTIDAE	.	.	2	.	.	2
	.	6	2	.	.	8

Table C-5 (Con't)

Taxa	Cruise II Stations W 1	W 2	W 3	W 4	W 5	Total
CRINOIDEA						
DEMOCRINUS BREVIS	.	.	.	.	.	.
MONACHOCRINUS CARIBBEUS	.	.	.	.	.	.
	.	.	.	.	.	.
ASCIDIACEA						
ASCIDIACEA	.	.	.	.	1	1
BATHYSTYELOIDES N. SP.	.	.	.	.	.	.
DICARPA SIMPLEX	.	2	1	.	.	3
HEXACROBYLUS ARCTICUS?	.	.	.	.	.	.
MINIPERA N.SP.	.	.	.	.	.	.
MINIPERA PEDUNCULATA	.	.	.	.	.	.
MINIPERA SP.	.	.	.	.	.	.
PSEUDODIAZONA ABYSSA	.	.	.	.	.	.
PYURIDAE	.	.	.	.	.	.
STYELIDAE	.	.	.	.	.	.
	.	2	1	.	1	4

Table C-5 (Con't)

Taxa	Cruise II Stations					
	C 1	C 2	C 3	C 4	C 5	Total
PORIFERA						
?CHONDROCLADIA SP.	.	.	.	.	.	.
?DRAGMATELLA SP.	.	.	.	.	.	.
?ESPERIOPSIS PULCHELLA	.	.	.	.	.	.
HADROMERIDA SP.	.	.	.	.	.	.
?HAMACANTHA SP.	.	.	.	.	.	.
?HOMOSCLEROMORPHA	.	.	.	.	.	.
HYALONEMATIDAE	.	.	.	.	.	.
?HYMEDESMIIDAE	.	.	.	.	.	.
LITHISTIDA SP.	.	.	.	.	.	.
MYCALE SP.A	.	.	.	.	.	.
MYCALE SP.B	.	.	.	.	.	.
MYCALE SP.C	.	.	.	.	.	.
MYCALE SP.D	.	.	.	.	.	.
MYCALE SP.E	.	.	.	.	.	.
?OXYCORDYLA SP.	.	.	.	.	.	.
PLAKINIDAE SP.A	.	.	1	.	.	1
PLAKINIDAE SP.B	.	.	.	1	.	1
PLAKINIDAE SP.C	.	.	.	2	.	2
POECILOSCERIDA	.	.	.	.	.	.
POLYMASTIA POLYTYLOTA?	.	.	.	.	.	.
POLYMASTIA SP.	.	.	.	.	.	.
POLYMASTIIDAE	.	.	.	.	.	.
STYLOCORDYLA SP.	.	.	.	.	.	.
?SUBERITIDAE SP.A	.	.	.	.	.	.
?SUBERITIDAE SP.B	.	.	.	.	.	.
SUBERITIDAE SP.C	.	.	.	.	.	.
TETHYA SP.A	.	.	.	2	.	2
TETILLA SP.B	.	.	.	.	.	.
THENEA SP.A	.	.	.	.	.	.
THENEA SP.B	.	.	.	.	.	.
THENEA SP.C	.	.	.	.	.	.
	.	.	1	5	.	6
HYDROZOA						
AGLAOPHENIA LATECARINATA	2	.	.	.	.	2
CORYMORPHIDAE SP.1	1	.	2	.	.	3
EUCUSPIDELLA SP.	.	.	.	3	.	3
OBELIA BIDENTATA	.	.	.	.	.	.
OBELIA DICHOTOMA	1	.	.	.	.	1
OPERCULARELLA SP.	.	.	.	.	.	.
PANDEIDAE	.	.	.	.	.	.
STYLACTIS SP.	.	.	1	.	.	1
TUBULARIIDAE	.	1	.	.	.	1
	4	1	3	3	.	11

Table C-5 (Con't)

Taxa	Cruise II Stations					
	C 1	C 2	C 3	C 4	C 5	Total
ACTINIARIA						
ACTINIARIA	.	.	.	2	.	2
ACTINIARIAN LARVAE	1	.	.	.	.	1
?HALCAMPOIDIDAE	.	.	.	.	.	.
	1	.	.	2	.	3
SCLERACTINEA						
DELTOCYATHUS SP.	.	.	.	.	.	.
DENDROPHYLLIA ALTERNATA	.	.	.	.	.	.
SCHIZOCYATHUS FISSILIS	.	.	.	.	.	.
SCLERACTINIA	.	.	.	.	.	.
	.	.	.	.	.	.
POLYCHAETA						
ACROCIRRIDAE	.	.	1	3	.	4
AEDICIRA SP.	1	8	3	6	5	23
AGLAOPHAMUS CIRCINATA	1	.	.	.	1	2
AGLAOPHAMUS VERRILLI	.	.	1	.	.	1
AGLAOPHAMUS/INERMONEPHTYS SP.	.	.	.	.	.	.
AMPHARETE "SP.A"	1	4	.	2	.	7
AMPHARETIDAE	1	3	1	.	.	5
AMPHARETIDAE GENUS A	.	.	.	1	.	1
AMPHARETIDAE GENUS B	.	.	.	.	.	.
AMPHARETIDAE GENUS C	2	.	.	.	.	2
AMPHARETIDAE GENUS D	.	2	.	.	.	2
AMPHARETIDAE GENUS E	.	.	.	.	.	.
AMPHICTEIS GUNNERI	1	.	.	.	.	1
AMPHICTEIS SCAPHOBRANCHIATA	.	.	.	.	.	.
AMPHINOMIDAE	.	.	.	.	.	.
ANAITIDES MUCOSA	.	.	.	.	.	.
ANCISTROSYLLIS "SP.A"	1	.	.	.	.	1
AONIDES SP.	.	.	.	.	.	.
APHRODITIDAE	.	.	.	.	.	.
ARABELLIDAE	.	.	.	.	.	.
ARENICOLIDAE	.	.	.	.	.	.
ARICIDEA (ACMIRA) SIMPLEX	4	.	.	.	.	4
ARICIDEA (ARICIDEA) FRAGILIS	1	.	.	.	.	1
ARICIDEA CATHERINAE	.	.	.	.	.	.
ARICIDEA CERRUTI	1	.	.	.	.	1
ARICIDEA SUECICA	.	2	4	5	4	15
ARICIDEA TAYLORI	.	.	.	.	.	.
ARICIDEA TRILOBATA?	.	.	.	.	1	1
ARICIDEA WASSI?	.	.	.	.	.	.
ASCLEROCHEILUS BERINGIANUS	.	.	.	.	.	.
ASCLEROCHEILUS SP.A	.	.	.	.	.	.
ASYCHIS ATLANTICUS	.	.	.	.	.	.
AUCHENOPLAX CRINITA	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
AUGENERIA BIDENS	.	.	.	.	.	.
AUTOLYTUS SP.A	.	.	.	.	.	.
BRADA SP.A	.	.	.	.	.	.
BRADA VILLOSA	.	.	.	.	.	.
CALIFIA CALIDA	.	.	.	.	.	.
CALIFIA SP.A	.	.	.	.	.	.
CALIFIA SP.B	1	.	.	.	.	1
CAPETOMASTUS SP.A	.	.	.	.	.	.
CAPITELLA CAPITATA	.	.	.	1	.	1
CAPITELLIDAE	.	.	.	.	.	.
CAPITELLIDAE GENUS A	.	.	.	.	4	4
CAPITELLIDAE GENUS B	.	.	.	.	.	.
CAPITELLIDAE GENUS C	.	.	.	.	.	.
CAPITELLIDAE GENUS D	.	.	.	.	.	.
CAPITELLIDAE GENUS E	.	.	.	.	.	.
CAPITELLIDAE GENUS F	.	.	.	.	.	.
CAPITELLIDAE GENUS G	1	.	.	1	.	2
CAPITELLIDAE GENUS H	.	.	.	.	.	.
CAPITELLIDAE GENUS I	.	.	.	.	.	.
CAPITELLIDAE GENUS K	.	.	.	.	.	.
CAPITELLIDAE GENUS L	.	.	.	.	.	.
CAPITELLIDAE GENUS M	.	.	.	.	.	.
CAPITELLIDAE GENUS N	.	1	.	.	.	1
CAPITELLIDAE GENUS O	.	.	.	1	1	2
CAPITELLIDAE GENUS P	1	.	.	.	.	1
CAPITELLIDAE GENUS Q	.	2	1	.	.	3
CAPITELLIDAE GENUS R	.	1	.	.	.	1
CAPITELLIDAE GENUS S	.	1	.	.	.	1
CAPITELLIDAE GENUS T	.	.	1	.	.	1
CAPITELLIDAE GENUS U	.	.	.	.	1	1
CAPITELLIDAE GENUS V	.	.	.	.	.	.
CAPITELLIDAE GENUS W	.	.	.	.	.	.
?CAPITELLIDES SP.	.	.	.	.	.	.
CAPITOMASTUS SP.B	.	.	.	.	.	.
CAULLERIELLA CAPENSIS?	.	.	.	.	.	.
CAULLERIELLA SP.A	.	.	.	.	.	.
CERATOCEPHALE LOVENI	.	.	.	.	.	.
CERATOCEPHALE OCULATA	1	.	1	1	.	3
CHAETOPTERIDAE	.	.	.	.	.	.
CHAETOZONE "SP.C"	.	.	1	1	1	3
CHAETOZONE "SP.D"	.	1	.	.	.	1
CHONE SP.A	.	.	.	.	.	.
CHONE SP.B	.	.	.	.	.	.
CHONE SP.C	.	.	.	.	.	.
CHONE SP.D	.	.	.	.	.	.
CHONE SP.E	.	.	.	.	.	.
CHONE SP.F	.	2	.	.	.	2
CHONE SP.G	.	.	.	.	.	.
CIRRATULIDAE	.	1	.	.	.	1

Table C-5 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
CIRRATULUS SP.	.	.	.	.	.	.
CIRROPHORUS BRANCHIATUS	.	1	.	.	.	1
CIRROPHORUS LYRA	.	3	.	2	1	6
CIRROPHORUS SP.	.	.	.	.	.	.
CLYMENELLA TORQUATA	.	.	.	.	.	.
CLYMENURA SP.A	.	.	.	.	.	.
COSSURA DELTA	1	.	.	.	.	1
DECAMASTUS SP.A	.	.	.	.	.	.
DIPLOCIRRUS "SP.A"	.	.	1	.	.	1
DIPLOCIRRUS? SP.B	2	.	.	.	.	2
DIPLOCIRRUS CAPENSIS	.	1	4	5	.	10
DORVILLEA SOCIABILIS	.	.	.	.	.	.
DORVILLEIDAE	.	.	.	.	.	.
EHLERSILEANIRA INCISA	.	1	.	.	.	1
ETEONE SP.A	.	.	.	1	.	1
EUCHONE "SP.A"	.	.	.	.	.	.
EUCHONE CAPENSIS?	.	.	.	.	.	.
EUCHONE INCOLOR?	.	.	.	2	.	2
EULALIA SP.A	.	.	1	.	.	1
EUNICIDAE	.	.	.	.	.	.
EUPOLYMNIA SP.A	.	.	.	.	.	.
EUPOLYMNIA SP.B	.	.	.	.	.	.
EURYSYLLIS SP.A	.	.	.	.	.	.
EUSYLLIS LAMELLIGERA	.	.	.	.	.	.
EXOGONE "SP.A"	.	6	3	6	3	18
EXOGONE ATLANTICA	.	.	.	.	.	.
EXOGONE DISPAR	.	.	.	.	.	.
EXOGONE LONGICIRRUS?	.	.	.	.	2	2
EXOGONE SP.	.	.	.	.	.	.
EXOGONE SP.B	.	6	.	1	.	7
EXOGONE SP.C	.	.	.	.	.	.
EXOGONE SP.D	1	.	1	.	.	2
EXOGONINAE GENUS A	.	.	.	.	.	.
FABRICIA SP.A	.	.	.	.	.	.
FAUVELIOPSIS SP.B	.	.	1	.	2	3
FLABELLIDERMA SP.	.	.	.	.	.	.
FLABELLIGELLA PAPILLATA	.	.	.	.	.	.
FLABELLIGELLA SP.A	.	.	.	.	.	.
FLABELLIGERIDAE	.	.	.	.	.	.
GLYCERA PAPILLOSA?	.	1	.	4	.	5
GLYCERA SP.A	.	.	.	.	.	.
GLYCERA SP.B	.	.	.	.	.	.
GLYCERA SP.C	.	.	.	.	.	.
GLYCERIDAE	1	.	.	.	3	4
GLYCINDE NORDMANNI	.	.	.	.	.	.
GONIADA SP.A	.	.	.	.	.	.
GONIADA SP.B	.	.	1	.	.	1
GYPTIS BREVIPALPA	.	.	.	.	.	.
GYPTIS SP.A	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
GYPTIS SP.B	.	.	.	.	.	.
HAPLOSCOLOPLOS SP.A	.	.	.	.	.	.
HESIONIDAE	.	4	1	.	.	5
HESIOSPINA SP.A	.	.	.	.	.	.
HETEROMASTUS SP.A	2	.	.	1	.	3
HETEROSPIO "SP.A"	.	.	.	.	.	.
HETEROSPIO LONGISSIMA?	.	2	.	.	.	2
HETEROSPIO SP.	.	.	.	.	.	.
HYALINOECIA TUBICOLA	.	.	.	.	.	.
HYBOSCOLEX LONGISETA?	.	.	.	.	.	.
INERMONEPHTYS SP.A	.	.	.	.	.	.
KINBERGONUPHIS SP.A	1	.	.	.	.	1
KINBERGONUPHIS SP.B	.	.	1	.	.	1
LAONICE CIRRATA	1	2	4	1	.	8
LEANIRA HYSTRICUS	.	.	1	.	.	1
LEITOSCOLOPLOS FRAGILIS	.	.	.	.	.	.
LEITOSCOLOPLOS SP.A	.	.	1	.	.	1
LITOCORSA "SP.A"	.	2	.	.	.	2
LUGIA RARICA	.	.	.	.	.	.
LUMBRINERIDAE	.	.	.	.	.	.
LUMBRINERIDES ACUTA?	.	.	.	.	.	.
LUMBRINERIDES DAYI	.	.	.	.	2	2
LUMBRINERIDES SP.A	.	.	.	.	.	.
LUMBRINERIS BREVIPES	.	1	.	.	.	1
LUMBRINERIS CANDIDA	.	.	.	.	.	.
LUMBRINERIS COCCINEA	.	.	.	.	.	.
LUMBRINERIS LATRIELLI	.	.	.	.	.	.
LUMBRINERIS SP.	.	.	.	.	.	.
LUMBRINERIS SP.A	.	.	.	.	.	.
LUMBRINERIS TETRAURA	.	.	.	.	.	.
LUMBRINERIS VERRILLI	4	3	.	1	.	8
MAGELONA FILIFORMIS	.	.	.	.	.	.
MAGELONA LONGICORNIS	.	.	.	.	.	.
MAGELONA SP.A	.	.	.	.	.	.
MAGELONIDAE	.	.	.	.	.	.
MALDANE "SP.A"	2	.	.	6	.	8
MALDANE GLEBIFEX	.	1	2	.	.	3
MALDANE SP.B	.	.	.	.	.	.
MALDANIDAE	.	3	1	3	.	7
MALDANIDAE GENUS A	.	.	.	.	.	.
MALDANIDAE GENUS B	.	.	.	.	.	.
MALDANIDAE GENUS C	.	.	.	.	.	.
MEDIOMASTUS CALIFORNIENSIS	.	1	.	.	1	2
MELINNA CRISTATA	.	.	.	.	.	.
MICROMALDANE SP.	.	.	.	.	.	.
MICRONEPHTHYS MINUTA	.	.	.	.	.	.
MICRORBINIA SP.A	.	.	.	.	.	.
MICROSPIO SP.A	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
MOOREONUPHIS PALLIDULA	.	.	.	.	.	.
MYRIOCHELE HEERI?	.	.	.	.	.	.
MYRIOWENIA SP.A	.	.	1	.	.	1
MYSTIDES BOREALIS	.	.	1	1	.	2
NAINERIS SP.	.	.	.	.	.	.
NEOMEDIOMASTUS SP.A	.	1	.	.	.	1
NEPHTYIDAE	.	.	.	.	.	.
NEPHTYS INCISA	.	.	.	.	.	.
NEREIDAE	.	.	.	.	.	.
NEREIMYRA SP.A	.	.	.	.	.	.
NOTHRIA GEOPHILIFORMIS?	.	.	.	.	.	.
NOTHRIA SP.A	.	.	.	.	.	.
NOTHRIA SP.B	.	.	.	.	.	.
NOTOMASTUS AMERICANUS	.	1	.	.	.	1
NOTOMASTUS LATERICEUS	.	.	.	.	.	.
ONUPHIDAE	.	.	.	.	.	.
ONUPHIS "SP.A"	.	.	.	.	.	.
ONUPHIS EREMITA	.	.	.	.	.	.
OPHELIIDAE	.	.	.	.	.	.
OPHELINA SP.	.	.	.	.	.	.
OPHELINA SP.A	.	1	.	4	.	5
OPHELINA SP.B	.	.	.	.	.	.
OPHELINA SP.C	.	.	.	.	.	.
OPHELINA SP.D	.	.	.	.	.	.
OPHELINA SP.E	.	.	.	.	.	.
OPHELINA SP.F	.	2	.	.	.	2
OPHELINA SP.G	.	.	.	.	.	.
OPHIOGLYCERA SP.	.	2	.	.	.	2
OPHRYOTROCHA SP.A	.	.	.	.	.	.
ORBINIIDAE	.	1	.	.	.	1
PALEANOTUS "SP.A"	.	.	.	.	.	.
PALMYRA SP.A	.	.	.	.	.	.
PARADONEIS LYRA	.	.	.	.	.	.
PARAHETEROMASTIDES SP.A	.	.	.	.	.	.
PARALACYDONIA PARADOXA	.	1	.	.	.	1
PARALEIOCAPITELLA MOSSAMBICA	.	.	.	.	.	.
PARAMARPHYSA SP.	.	.	.	.	.	.
PARAMPHINOME PULCHELLA	.	2	2	2	2	8
PARANDALIA SP.A	.	.	.	.	.	.
PARAONIDAE	.	.	.	1	.	1
PARAONIS CORNATUS	.	.	.	.	.	.
PARAONIS GRACILIS	5	1	1	1	1	9
PARAPIONOSYLLIS SP.B	2	.	.	.	.	2
PARONUPHIS ABYSSORUM?	.	.	.	.	.	.
PARONUPHIS SP.A	.	.	.	.	.	.
PARONUPHIS SP.B	.	.	.	.	.	.
PERESIELLA SP.A	1	.	.	.	.	1
PHALACROSTEMMA SP.A	.	.	.	.	.	.
PHERUSA SP.	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
PHOLOE "SP.C"	.	.	.	.	.	.
PHOLOE MINUTA?	.	1	.	.	.	1
PHYLLODOCE CASTANEA?	.	.	.	.	.	.
PHYLLODOCIDAE	.	.	.	1	.	1
PHYLLODOCIDAE GENUS A	.	.	.	.	.	.
PHYLO NUDUS	.	.	.	.	.	.
PILARGIDAE	.	.	.	.	.	.
PIONOSYLLIS "SP.B"	.	.	.	.	.	.
PIONOSYLLIS SP.	.	4	.	.	.	4
PIONOSYLLIS SP.A	.	.	.	.	.	.
PIROMIS SP.A	.	.	.	.	.	.
PODARKE "SP.A"	1	1	.	.	.	2
PODARKE AGILIS	.	.	.	.	.	.
PODARKEOPSIS SP.A	.	.	.	.	.	.
POECILOCHAETUS SP.A	.	.	.	.	.	.
POECILOCHAETUS SP.B	.	.	.	.	.	.
POLYCHAETA	.	.	.	.	.	.
POLYNOIDAE "GENUS A"	.	.	.	.	.	.
POTAMILLA RENIFORMIS?	.	.	.	.	.	.
PRIONOSPIO (MINOSPIO) "SP.A"	.	.	.	.	.	.
PRIONOSPIO CIRRIFERA	.	19	5	2	.	26
PRIONOSPIO CIRROBRANCHIATA	.	.	.	.	.	.
PRIONOSPIO EHLERSI	18	6	1	.	.	25
PRIONOSPIO SP.	.	.	.	2	1	3
PRIONOSPIO SP.A	.	.	.	.	.	.
PRIONOSPIO SP.B	.	.	.	.	.	.
PRIONOSPIO SP.C	.	.	.	.	.	.
PRIONOSPIO SP.D	.	.	.	.	.	.
PRIONOSPIO STEENSTRUPI	.	.	.	.	.	.
PROCLEA SP.	.	.	.	.	.	.
PROGONIADA REGULARIS	.	.	.	.	.	.
PROTOMYSTIDES BIDENTATA	.	.	.	.	1	1
PSEUDOMALACOCEROS SP.A	.	.	.	.	.	.
PSUEDOMALACOCEROS SP.B	.	.	.	.	.	.
RHODINE SP.A	.	.	.	.	.	.
RHODINE SP.B	.	.	.	.	.	.
SABELLIDAE	.	.	1	.	.	1
?SABELLIDES SP.A	.	.	.	.	.	.
SARSONUPHIS HARTMANAE	1	3	1	1	.	6
SCHISTOMERINGOS RUDOLPHI	.	1	1	.	.	2
SCOLOLEPIS TEXANA	.	.	.	.	.	.
SCOLOPLOS RUBRA	.	.	1	.	.	1
SCOLOPLOS SP.	.	.	.	.	.	.
SCOLOPLOS SP.A	.	1	.	.	.	1
SIGALIONIDAE	.	.	.	.	.	.
SIGAMBRA BASSI	.	.	.	.	.	.
SIGAMBRA TENTACULATA	2	.	.	.	.	2
SPHAEREPHESIA SP.A	.	1	.	.	.	1
SPHAERODOROPSIS "SP.A"	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations C 1	C 2	C 3	C 4	C 5	Total
POLYCHAETA (con't)						
SPHAEROSYLLIS ACICULA?	.	.	.	.	.	.
SPHAEROSYLLIS GLANDULATA	.	.	.	.	.	.
SPHAEROSYLLIS HYSTRIX	.	.	.	.	.	.
SPHAEROSYLLIS MAGNIDENTATA	.	.	.	.	.	.
SPHAEROSYLLIS PIRIFEROPSIS	.	.	.	1	.	1
SPHAEROSYLLIS SP.A	.	.	.	.	.	.
SPIOCHAETOPTERUS COSTARUM	.	.	.	.	.	.
SPIONIDAE	13	2	3	5	2	25
SPIONIDAE GENUS A	.	.	.	.	.	.
SPIONIDAE GENUS B	.	.	.	.	.	.
SPIOPHANES BERKELEYORUM	.	13	7	3	.	23
SPIOPHANES BOMBYX	.	.	.	.	.	.
SPIOPHANES KROYERI	.	.	.	.	1	1
SPIOPHANES MISSIONENSIS	3	.	.	.	.	3
SPIOPHANES SP.A	2	.	.	.	.	2
SPIOPHANES SP.B	.	.	.	.	.	.
SPIOPHANES SP.C	.	.	.	.	.	.
SPIOPHANES WIGLEYI	.	.	.	.	.	.
STERNASPIS SCUTATA	.	.	.	1	1	2
STHENELAIS SP.A	.	.	.	.	1	1
STHENOLEPIS SP.A	.	.	.	.	.	.
STREBLOSOMA SP.A	.	.	.	.	.	.
STREBLOSOMA SP.B	.	.	.	.	.	.
SYLLIDAE	1	5	1	1	.	8
SYLLIDAE GENUS B	.	.	.	.	.	.
SYLLIDAE GENUS C	.	.	.	.	.	.
SYLLIS (EHLERSIA) CORNUTA	.	.	.	.	.	.
SYLLIS (EHLERSIA) FERRUGINA	.	.	.	.	.	.
SYLLIS (EHLERSIA) SP.A	.	.	.	.	.	.
SYLLIS (EHLERSIA) SP.B	.	.	.	.	.	.
SYLLIS (TYPOSYLLIS) GERLACHI?	.	.	.	.	.	.
SYNELMIS KLATTI	1	.	1	.	.	2
TACHYTRYPANE JEFFREYSII	.	2	1	.	.	3
TACHYTRYPANE SP.A	4	14	1	.	2	21
TACHYTRYPANE SP.B	.	.	.	.	.	.
TACHYTRYPANE SP.C	.	.	.	.	1	1
TEREBELLIDAE	.	.	.	.	1	1
TEREBELLIDES STROEMI	.	14	2	2	.	18
THARYX ANNULOSUS?	.	1	.	1	.	2
THARYX MARIONI	1	.	1	4	1	7
THARYX SP.A	.	.	.	.	.	.
THEROCHAETA SP.A	.	.	.	.	.	.
TRAVISIA SP.A	.	.	1	.	.	1
TRICHOBRANCHUS GLACIALIS	.	.	.	.	.	.
TROCHOCHAETA SP.A	1	.	.	.	.	1
	89	166	70	88	47	460

Table C-5 (Con't)

Taxa	Cruise II Stations C 1	C 2	C 3	C 4	C 5	Total
OLIGOCHAETA						
OLIGOCHAETA	.	.	.	1	1	2
	.	.	.	1	1	2
GASTROPODA						
ACTEONIDAE	.	.	.	.	.	.
ALVANIA XANTHIAS	.	.	.	.	.	.
BENTHOMANGELIA SP.	.	.	.	.	.	.
BENTHONELLA FISCHERI	.	.	.	.	.	.
BROOKULA SP.	.	.	.	.	.	.
CHIMA SP.	.	.	.	.	.	.
CHRYSALLIDA SP.	.	.	.	.	.	.
CIMA SP.	.	.	.	.	.	.
CINGULA SP.	3	.	.	.	.	3
CORINNAETURRIS SP.	1	.	.	.	.	1
CRENILABIUM SP.	.	.	.	.	.	.
ECCLISEOGYRA PERFORMOSA	.	.	.	.	.	.
EULIMA SP.	.	.	.	.	.	.
EULIMIDAE	.	.	.	.	.	.
GASTROPODA	7	2	12	10	4	35
LISSOSPIRA SP.	.	.	.	.	.	.
MANGELIINAE	.	.	.	.	.	.
MELANELLA SP.	.	.	.	.	.	.
PHILENE SP.	.	.	.	.	.	.
PYRUNCULUS OVATUS	.	.	.	.	.	.
RISSOIDAE	.	.	.	.	.	.
SCAPHANDER SP.	.	.	.	.	.	.
SCAPHANDER WATSONI	.	1	.	.	.	1
SEGUENZIA SP.	.	.	.	.	.	.
SKEINIDAE	1	.	1	.	.	2
TARANIS MALMI	.	.	.	.	.	.
TORNUS EXQUISITUS	.	.	.	.	.	.
	12	3	13	10	4	42
BIVALVIA						
?ASTARTE SP.	.	1	1	.	.	2
ASTARTE SP.A	.	.	4	1	.	5
BATHYARCA SP.A	.	.	.	4	.	4
BIVALVIA	4	7	11	12	5	39
CARDIOMYA SP.A	.	.	.	.	.	.
CARDIOMYA SP.B	.	.	.	.	.	.
CRENELLA SP.A	.	1	13	18	.	32
?CUSPIDARIA SP.	.	2	1	.	2	5
CYCLOPECTEN SP.A	.	.	.	1	.	1
DACRYDIUM VITREUM	2	.	1	.	.	3
EULAMELLIBRANCH SP.	.	2	2	.	1	5
EULAMELLIBRANCH SP.A	.	.	.	1	.	1

Table C-5 (Con't)

Taxa	Cruise II Stations					
	C 1	C 2	C 3	C 4	C 5	Total
BIVALVIA (con't)						
EULAMELLIBRANCH SP.B	.	.	2	9	5	16
EULAMELLIBRANCH SP.C	.	.	.	.	2	2
EULAMELLIBRANCH SP.D	.	.	.	.	.	.
EULAMELLIBRANCH SP.E	.	.	.	.	.	.
EULAMELLIBRANCH SP.F	5	6	.	.	.	11
LIMA SP.	.	.	.	4	.	4
LIMOPSIS SP.	.	.	2	2	.	4
?LUCINA SP.	26	4	.	.	.	30
MACRODON (BENTHARCA) ASPERULA	.	.	.	.	.	.
MALLETIA SP.A	.	.	.	.	17	17
MALLETIA SP.B	8	3	17	.	.	28
NUCULA CALLICREDEMNA	.	.	.	.	.	.
NUCULA SP.A	1	1	1	5	.	8
NUCULA SP.B	.	.	.	1	.	1
NUCULANIDAE	.	.	.	1	.	1
NUCULANIDAE (NUCULANA?) SP.D	6	.	.	.	.	6
NUCULANIDAE (THESTYLEDA?) SP.I	.	.	.	.	.	.
NUCULANIDAE (TINDARIA?) SP.E	.	2	.	.	.	2
NUCULANIDAE (TINDARIA?) SP.G	.	.	4	.	.	4
NUCULANIDAE SP.B	.	.	.	8	6	14
NUCULANIDAE SP.C	.	.	.	.	2	2
NUCULANIDAE SP.F	.	.	.	.	1	1
NUCULANIDAE SP.H	.	.	2	.	.	2
NUCULANIDAE SP.J	.	.	.	.	.	.
NUCULANIDAE SP.K	.	.	.	.	.	.
NUCULANIDAE SP.L	.	.	.	.	.	.
?PECTEN SP.	1	.	.	.	.	1
POLICORDIA SP.A	.	1	.	.	1	2
PRISTOGLOMA NITENS	.	.	.	.	.	.
PRONUCULA SP.A	.	.	1	2	.	3
PROTOBRANCHIA	.	.	.	.	.	.
TELLINA SP.A	5	2	.	.	.	7
TELLINA SP.B	.	.	1	1	.	2
THYASIRA SP.A	.	.	.	.	3	3
THYASIRA SP.B	.	.	.	.	.	.
?VESICOMYA SP.	.	6	12	6	4	28
YOLDIELLA SP.A	.	.	.	29	5	34
	58	38	75	105	54	330
SCAPHAPODA						
CADULUS SP.	.	.	.	.	.	.
DENTALIIDAE	.	.	.	.	.	.
DENTALIUM CALLITHRIX	.	.	.	2	.	2
DENTALIUM DIDYMUM	.	.	.	.	.	.
DENTALIUM PERLONGUM	.	.	.	.	.	.
EPISIPHON SP.	.	.	.	.	8	8
HETEROSCHIZMOIDES CALLITHRIX	.	.	.	.	.	.
PULSELLUM PRESSUM	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
SCAPHAPODA (con't)						
SCAPHOPODA	.	1	2	1	2	6
SIPHONODENTALIIDAE	.	.	.	1	.	1
	.	1	2	4	10	17
OSTRACODA						
ANGULOROSTRUM SP.A	.	1	4	8	.	13
CYLINDROLEBERIDINAE	.	2	1	1	.	4
EUPHILOMEDES SP.A	.	45	1	.	.	46
HARBANSUS SP.	.	.	.	.	.	.
HARBANSUS SP.A	.	4	11	.	.	15
HARBANSUS SP.B	.	.	.	.	.	.
HARBANSUS SP.C	.	.	.	.	.	.
IGENE SP.A	.	.	.	.	.	.
PHILOMEDES SP.A	.	25	1	.	.	26
PODOCOPA	10	66	129	80	64	349
PSEUDOPHILOMEDES SP.A	.	1	.	.	.	1
PTEROCYPRIDINA SEX	.	.	1	.	.	1
SCLERANER SP.A	.	2	.	.	.	2
SCLEROCONCHA SP.A	.	.	.	.	.	.
SPINACOPIA SP.A	.	.	.	.	.	.
	10	146	148	89	64	457
CUMACEA						
APOCUMA N.SP.I	.	.	.	.	.	.
BATHYCUMA NATALENSE?	.	.	.	.	.	.
CAMPYLASPIS ALBA	.	.	.	.	.	.
CAMPYLASPIS BICARINATA	.	.	.	.	.	.
CAMPYLASPIS COGNATA	.	.	.	.	.	.
CAMPYLASPIS N. SP. (CF. PLICATA)	.	.	.	1	.	1
CAMPYLASPIS PILOSA	.	.	1	.	.	1
CAMPYLASPIS SP.	.	.	.	.	.	.
CAMPYLASPIS SPINOSA	.	.	.	.	.	.
CHALAROSTYLIS N. SP.E	.	.	.	.	.	.
CUMELLA ACULEATA	.	.	.	.	.	.
CUMELLA ACUMINATA	.	1	.	.	.	1
CUMELLA ANGUSTATA	.	1	.	.	.	1
CUMELLA ANTIPAI	.	4	.	.	.	4
CUMELLA BISHOPI	.	.	.	.	.	.
CUMELLA COMPACTA?	.	.	.	.	.	.
CUMELLA DAYAE	.	.	.	.	1	1
CUMELLA DECIPIENS	.	.	.	.	.	.
CUMELLA ERECTA	.	5	.	1	.	6
CUMELLA SP.	.	1	.	.	.	1
CUMELLOPSIS BICOSTATA	.	.	.	.	.	.
CUMELLOPSIS LAEVIS	.	.	.	.	.	.
CYCLASPIS LONGICAUDATA	.	.	.	.	.	.
CYCLASPOIDES SARSI	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations C 1	C 2	C 3	C 4	C 5	Total
CUMACEA (con't)						
DIASTYLIS N.SP.H	.	.	.	.	.	.
EPILEUCON SP.	.	.	.	.	.	.
EPILEUCON TENUIROSTRIS?	.	1	1	3	1	6
EUDORELLA HISPIDA	.	.	.	.	.	.
EUDORELLA N. SP.C	1	.	.	.	.	1
EUDORELLA SP.	.	.	.	1	.	1
LEPTOSTYLIS MANCOIDES	.	.	.	.	.	.
LEPTOSTYLUS MACRURA	.	1	.	.	.	1
LEPTOSTYLUS N. SP.D	.	2	.	.	.	2
LEPTOSTYLUS SP.	.	.	.	.	.	.
LEUCON MACRORHINUS?	.	.	.	.	.	.
LEUCON N. SP. (CF. MACRORHINUS)	.	.	.	.	.	.
LEUCON SERRATUS?	.	.	.	.	.	.
LEUCON SP.	.	.	2	1	.	3
LEUCON TENER?	.	.	.	.	.	.
LEUCON TENER	.	.	.	.	.	.
LEUCON TURGIDULUS	.	.	.	1	3	4
MACROKYLINDRUS N. SP. CF. CINGULATUS	.	.	.	1	.	1
MACROKYLINDRUS N. SP. CF. LOMAKINAE	.	.	.	.	.	.
MACROKYLINDRUS SP.	.	.	1	.	.	1
MESOLAMPROPS N. SP.B	.	.	1	.	.	1
MURILAMPROPS BRASILIENSIS	.	.	.	.	.	.
PARALAMPROPS N. SP.F	.	.	.	.	.	.
PETALOSARSIA LONGIROSTRIS	.	.	.	.	.	.
PLATYCUMA CANDIDA	.	.	.	.	.	.
PROCAMPYLASPUS ACANTHOMMA	1	1	1	.	.	3
PROCAMPYLASPUS OMMIDION	.	.	.	1	.	1
PROCAMPYLASPUS SP.	1	.	.	.	.	1
VAUNTHOMPSONIINAE N. SP.	.	1	.	.	.	1
VEMAKYLINDRUS COSTARICANUS	.	.	.	1	.	1
VEMAKYLINDRUS N.SP. (CF. COSTARICANUS	.	.	.	.	.	.
	3	18	7	11	5	44
TANAIDACEA						
AGATHOTANAIS SP.1	.	.	.	1	.	1
ANARTHRURA SP.4	.	.	.	.	1	1
ANARTHRURIDAE SP.1	.	.	.	.	.	.
ANARTHRURIDAE SP.2	.	.	.	1	.	1
ANARTHRURIDAE SP.3	.	.	.	.	.	.
ANARTHRURIDAE SP.4	.	.	.	.	.	.
APSEUDES SP.1	.	1	.	1	.	2
APSEUDES SP.2	3	2	.	.	.	5
APSEUDES SP.3	.	.	.	.	.	.
APSEUDES SP.4	.	.	1	.	.	1
APSEUDES SP.5	.	.	.	.	.	.
APSEUDES SP.6	.	.	.	.	.	.
APSEUDES SP.7	.	.	.	.	.	.
APSEUDIDAE	.	3	.	1	.	4

Table C-5 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
TANAIDACEA (con't)						
APSEUDIDAE SP.1	.	33	1	.	.	34
APSEUDIDAE SP.2	.	2	.	.	.	2
APSEUDIDAE SP.3 (GENUS C)	.	.	.	.	.	.
APSEUDIDAE SP.4	.	.	.	.	.	.
LEPTOGNATHIA SP.	2	.	3	2	1	8
LEPTOGNATHIA SP.1	.	.	.	.	.	.
LEPTOGNATHIA SP.10	.	.	1	.	4	5
LEPTOGNATHIA SP.11	.	.	.	.	.	.
LEPTOGNATHIA SP.14	.	.	.	.	.	.
LEPTOGNATHIA SP.15	.	.	9	2	.	11
LEPTOGNATHIA SP.17	.	.	.	.	.	.
LEPTOGNATHIA SP.2	7	.	1	.	.	8
LEPTOGNATHIA SP.20	.	.	.	.	.	.
LEPTOGNATHIA SP.22	.	.	.	.	.	.
LEPTOGNATHIA SP.23	.	.	.	.	3	3
LEPTOGNATHIA SP.24	.	.	.	.	.	.
LEPTOGNATHIA SP.26	.	.	.	.	.	.
LEPTOGNATHIA SP.27	.	.	.	.	.	.
LEPTOGNATHIA SP.28	.	.	.	.	.	.
LEPTOGNATHIA SP.29	.	.	.	.	.	.
LEPTOGNATHIA SP.3	.	5	.	1	.	6
LEPTOGNATHIA SP.30	.	7	.	.	.	7
LEPTOGNATHIA SP.31	1	.	.	.	.	1
LEPTOGNATHIA SP.32	.	3	1	.	.	4
LEPTOGNATHIA SP.33	.	5	1	.	.	6
LEPTOGNATHIA SP.34	.	5	2	.	.	7
LEPTOGNATHIA SP.35	.	2	.	.	.	2
LEPTOGNATHIA SP.37	.	.	7	.	1	8
LEPTOGNATHIA SP.38	.	.	7	.	.	7
LEPTOGNATHIA SP.39	.	.	2	.	.	2
LEPTOGNATHIA SP.4	.	.	.	.	.	.
LEPTOGNATHIA SP.41	.	.	.	7	.	7
LEPTOGNATHIA SP.42	.	.	.	4	.	4
LEPTOGNATHIA SP.43	.	.	.	1	.	1
LEPTOGNATHIA SP.45	.	.	.	1	.	1
LEPTOGNATHIA SP.46	.	.	.	2	.	2
LEPTOGNATHIA SP.47	.	.	1	1	.	2
LEPTOGNATHIA SP.48	.	.	.	1	.	1
LEPTOGNATHIA SP.49	.	.	.	.	.	.
LEPTOGNATHIA SP.5	.	.	.	.	.	.
LEPTOGNATHIA SP.51	.	3	.	.	4	7
LEPTOGNATHIA SP.52	.	.	.	.	2	2
LEPTOGNATHIA SP.53	.	.	.	.	.	.
LEPTOGNATHIA SP.54	.	.	.	.	.	.
LEPTOGNATHIA SP.55	.	.	.	.	.	.
LEPTOGNATHIA SP.56	.	.	.	.	.	.
LEPTOGNATHIA SP.57	.	.	.	.	.	.
LEPTOGNATHIA SP.58	.	.	1	.	.	1
LEPTOGNATHIA SP.59	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations					
	C 1	C 2	C 3	C 4	C 5	Total
TANAIDACEA (con't)						
LEPTOGNATHIA SP.6	.	.	.	.	.	.
LEPTOGNATHIA SP.60	.	1	.	.	.	1
LEPTOGNATHIA SP.61	.	.	.	.	.	.
LEPTOGNATHIA SP.62	.	.	.	.	.	.
LEPTOGNATHIA SP.63	.	.	.	.	.	.
LEPTOGNATHIA SP.64	.	.	.	2	.	2
LEPTOGNATHIA SP.65	.	.	1	.	.	1
LEPTOGNATHIA SP.66	.	.	.	.	.	.
LEPTOGNATHIA SP.67	.	.	.	.	.	.
LEPTOGNATHIA SP.68	.	.	.	.	.	.
LEPTOGNATHIA SP.69	.	.	.	.	.	.
LEPTOGNATHIA SP.7	.	.	.	.	.	.
LEPTOGNATHIA SP.70	.	.	.	.	.	.
LEPTOGNATHIA SP.71	.	.	.	.	.	.
LEPTOGNATHIA SP.72	.	.	.	.	.	.
LEPTOGNATHIA SP.73	.	.	.	.	.	.
LEPTOGNATHIA SP.74	.	.	.	.	.	.
LEPTOGNATHIA SP.75	.	.	.	.	.	.
LEPTOGNATHIA SP.76	.	.	.	.	.	.
LEPTOGNATHIA SP.77	.	.	.	.	.	.
LEPTOGNATHIA SP.78	.	.	.	.	.	.
LEPTOGNATHIA SP.79	.	.	.	.	.	.
LEPTOGNATHIA SP.8	.	3	.	.	.	3
LEPTOGNATHIA SP.80	.	.	.	.	.	.
LEPTOGNATHIA SP.81	.	.	.	.	.	.
LEPTOGNATHIA SP.A MALE	1	1	.	.	.	2
LEPTOGNATHIA SP.B MALE	.	.	1	.	.	1
LEPTOGNATHIA SP.C MALE	.	.	2	.	.	2
LEPTOGNATHIA SP.D MALE	.	.	.	1	.	1
LEPTOGNATHIA SP.E MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.F MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.G MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.H MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.I MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.J MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.K MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.L MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.M MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.N. MALE	.	.	.	1	.	1
LEPTOGNATHIIDAE	.	.	.	.	.	.
LEPTOGNATHIIDAE GENUS B	.	.	1	.	.	1
NEOTANAIS SP.1	.	6	1	1	.	8
PARANARTHRURA INSIGNIS?	.	3	1	.	.	4
PARANARTHRURA SP.	.	.	.	.	.	.
PARANARTHRURA SP.1	.	5	2	2	1	10
PARANARTHRURA SP.2	.	.	.	.	.	.
PARANARTHRURA SP.3	.	.	.	.	.	.
PARANARTHRURA SP.4	.	1	1	1	.	3
PARANARTHRURA SP.5	.	.	.	.	.	.

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Table C-5 (Con't)

Taxa		Cruise II Stations				Total
	C 1	C 2	C 3	C 4	C 5	Total
TANAIDACEA (con't)						
PARATANAIDAE SP.1	.	4	7	2	.	13
PARATANAIDAE SP.2	.	1	1	1	.	3
PSEUDOTANAIDAE	.	.	.	.	.	.
PSEUDOTANAIDAE GENUS A (N.SP,N.GEN)	.	.	17	.	.	17
PSEUDOTANAIDAE SP.A MALE	.	1	.	.	.	1
PSEUDOTANAIS SP.	.	.	.	.	.	.
PSEUDOTANAIS SP.1	2	4	5	8	1	20
PSEUDOTANAIS SP.2	1	3	.	4	.	8
PSEUDOTANAIS SP.3	.	.	.	.	.	.
PSEUDOTANAIS SP.4	.	1	1	.	.	2
SPHYRAPHUS SP.1	.	1	.	3	1	5
SPHYRAPHUS SP.2	.	.	.	.	.	.
STROGYLURA SP.1	.	.	.	2	.	2
STROGYLURA SP.2	.	.	1	2	.	3
TANAELLA SP.1	.	11	1	.	1	13
TANAELLA SP.2	.	.	4	2	1	7
TANAIDACEA	.	3	1	.	.	4
TYPHLOTANAIS SP.	.	1	.	.	.	1
TYPHLOTANAIS SP.1	.	1	2	4	.	7
TYPHLOTANAIS SP.10	.	.	.	.	.	.
TYPHLOTANAIS SP.11	.	.	.	.	.	.
TYPHLOTANAIS SP.12	.	.	.	.	.	.
TYPHLOTANAIS SP.13	.	.	.	.	.	.
TYPHLOTANAIS SP.14	.	.	.	.	.	.
TYPHLOTANAIS SP.15	.	.	.	.	.	.
TYPHLOTANAIS SP.16	.	.	.	.	.	.
TYPHLOTANAIS SP.17	.	.	.	.	.	.
TYPHLOTANAIS SP.2	6	.	6	1	.	13
TYPHLOTANAIS SP.3	.	.	.	.	.	.
TYPHLOTANAIS SP.4	.	.	.	.	.	.
TYPHLOTANAIS SP.5	.	.	.	.	.	.
TYPHLOTANAIS SP.6	.	.	.	5	.	5
TYPHLOTANAIS SP.7	.	.	.	.	.	.
TYPHLOTANAIS SP.8	.	.	.	.	.	.
TYPHLOTANAIS SP.9	.	1	.	.	.	1
	23	123	94	68	21	329
ISOPODA						
ACANTHOCOPE SP.231	.	.	1	4	.	5
ANTHOCOPE SP.295	.	.	.	.	.	.
ANTHURIDAE (SP.259)	.	1	.	.	.	1
BALBIDOCOLON SP.267	.	.	.	1	.	1
BELONECTES SP.220	.	.	.	.	.	.
BETAMORPHA SP.292	.	.	.	.	.	.
CHELATOR SP.212	.	.	.	.	.	.
CHELATOR SP.237	.	1	.	3	2	6
CHELATOR SP.251	.	.	.	3	.	3
CHELATOR SP.284	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations C 1	C 2	C 3	C 4	C 5	Total
ISOPODA (con't)						
CIROLANA SP.282	.	.	.	.	.	.
CONILERA SP.214	1	.	.	.	.	1
CRYPTONISCIDAE SP.257	.	1	.	.	.	1
CYATHURA SP.263	.	1	.	.	.	1
DENDROMUNNA SP.249	.	.	.	2	.	2
DENDROTION SP.246	.	.	.	.	.	.
DESMOSOMA SP.248	.	2	.	.	.	2
DESMOSOMA SP.260	.	3	1	3	.	7
DESMOSOMATIDAE	.	.	.	2	3	5
DISCONECTES SP.262	.	2	1	.	.	3
DISCONECTES SP.272	.	.	.	1	.	1
DISPARELLA SP.274	.	.	.	.	1	1
ECHINOPLEURA SP.291	.	.	.	.	.	.
EUGERDA SP.	.	.	.	.	.	.
EUGERDA SP.215	4	3	5	8	.	20
EUGERDA SP.236	.	1	.	.	1	2
EUGERDA SP.289	.	.	.	.	.	.
EUGERDELLA SP.229	.	1	2	.	.	3
EUGERDELLA SP.241	.	.	1	1	.	2
EURYCOPE SP.	.	1	.	.	.	1
EURYCOPE SP.277	.	.	.	.	.	.
EURYCOPE SP.283	.	.	.	.	.	.
EURYCOPIDAE	.	.	.	.	.	.
EURYCOPIDAE N. GEN. B (SP.271)	.	.	.	2	.	2
EURYCOPIDAE N. GEN. X2 (SP.258)	.	2	.	2	.	4
EURYCOPIDAE NEW GENUS G	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS H	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS Y	.	.	.	.	.	.
EXILINISCUS SP.232	.	.	.	.	.	.
EXILINISCUS SP.255	.	.	1	1	2	4
GNATHIA SP.201	1	.	.	.	.	1
GNATHIA SP.210	.	.	.	.	.	.
GNATHIA SP.211	.	.	.	.	.	.
GNATHIA SP.226	.	.	3	.	.	3
HAPLOMESUS SP.207	.	1	.	.	.	1
HAPLOMESUS SP.239	.	1	1	4	.	6
HAPLOMSUS SP.	.	.	.	2	.	2
HAPLONISCUS SP.234	.	2	.	.	.	2
HAPLONISCUS SP.273	.	.	.	.	4	4
HAPSIDOHEDRA SP.245	.	1	.	1	.	2
HETEROMESUS SP.288	.	.	.	.	.	.
ILYARACHNA SP.218	.	1	.	1	.	2
ISCHNOMESUS SP.	.	1	.	.	.	1
ISCHNOMESUS SP.208	.	2	.	.	.	2
ISCHNOMESUS SP.222	.	9	.	.	.	9
ISCHNOMESUS SP.227	.	2	2	.	.	4
ISCHNOMESUS SP.247	.	.	.	.	.	.
ISCHNOMESUS SP.275	.	.	.	21	.	21
ISCHNOMESUS SP.276	.	.	.	3	.	3

Table C-5 (Con't)

Taxa	Cruise II Stations					
	C 1	C 2	C 3	C 4	C 5	Total
ISOPODA (con't)						
ISCHNOMESUS SP.278	.	.	.	.	.	.
ISOPODA	.	.	.	.	.	.
KATIANIRA SP.244	.	.	.	.	.	.
LEPTANTHURA SP.205	.	.	.	.	.	.
LEPTANTHURA SP.219	.	.	5	.	.	5
LIPOMERA SP.280	.	.	.	.	.	.
MACROSTYLUS SP.223	.	.	3	.	.	3
MACROSTYLUS SP.256	.	.	.	16	18	34
MALACANTHURA SP.294	.	.	.	.	.	.
MIRABILICOXA SP.253	.	10	.	1	.	11
MIRABILICOXA SP.254	.	.	.	.	1	1
MIRABILICOXA SP.261	.	6	.	.	.	6
MIRABILICOXA SP.269	.	.	.	3	.	3
MOMEDOSSA SP.268	.	.	.	2	.	2
NANNONISCIDAE N. GEN. X SP.213	.	.	.	.	.	.
NANNONISCOIDES SP.229	.	.	1	.	.	1
NANNONISCOIDES SP.250	.	.	.	.	.	.
NANNONISCONUS SP.240	.	4	.	2	.	6
NANNONISCUS SP.233	.	.	.	.	.	.
NANNONISCUS SP.242	.	.	.	5	.	5
NOTOXENOIDES SP.206	.	3	.	.	.	3
OCSANTHURA SP.266	.	.	1	.	.	1
PANETELA SP.224	.	.	.	.	.	.
PROCHELATOR SP.202	49	.	.	.	.	49
PROCHELATOR SP.209	.	10	6	2	.	18
PROCHELATOR SP.228	.	2	5	.	.	7
PROCHELATOR SP.235	.	3	4	2	.	9
PROCHELATOR SP.238	.	7	.	.	.	7
PROCHELATOR SP.290	.	.	.	.	.	.
PSEUDARACHNA SP.281	.	.	.	.	.	.
PSEUDOMESUS SP.293	.	.	.	.	.	.
RAPANISCUS SP.265	.	.	1	1	.	2
REGABELLATOR SP.221	.	.	.	.	.	.
THAMBEMA SP.243	.	1	.	2	.	3
THAUMASTASOMA SP.279	.	.	.	.	.	.
TORWOLIA SP.203	.	.	.	.	.	.
WHOIA SP.216	.	.	.	6	.	6
WHOIA SP.225	.	.	.	.	.	.
WHOIA SP.264	.	4	.	.	.	4
WHOIA SP.270	.	.	.	1	.	1
	55	89	44	108	32	328
AMPHIPODA						
ACANTHONOTOZOMATIDAE N.SP.1	.	.	.	.	.	.
AMPELISCA AGASSIZI	.	.	.	.	.	.
AMPELISCA PACIFICA?	1	.	.	.	.	1
AMPELISCA SP.	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
AMPHIPODA (con't)						
AMPELISCA SP.2	.	.	.	.	.	.
AMPELISCA SP.3	.	.	.	1	.	1
AMPELISCIDAE	1	.	.	.	.	1
AMPHIPODA	.	2	2	3	.	7
AMPHIPODA UNKNOWN FAMILY 1	.	.	1	.	.	1
BATHYMEDON N.GEN.	.	.	.	.	.	.
BYBLIS N.SP.1	8	1	.	1	.	10
BYBLIS SP.	.	.	.	.	.	.
BYBLIS SP.2	.	.	.	.	.	.
CAPRELLIDAE	.	.	.	.	.	.
CARANGOLIA N.SP.1	.	1	1	1	.	3
COROPHIIDAE	.	1	.	2	.	3
COROPHIIDAE SP.1	.	.	.	.	.	.
COROPHIOIDEA N.SP.1	.	.	.	.	.	.
COROPHIOIDEA SP.2	.	.	.	.	.	.
EUSIRIDAE N. GEN. 1	.	.	.	.	.	.
GAMMAROPSIS SP. 1	.	1	2	.	.	3
HARPINIINAE	.	4	4	6	5	19
HARPINIINAE SP.2	.	.	.	.	.	.
HAUSTORIIDAE	.	.	.	.	.	.
?INGOLFIELLIDAE	.	.	.	.	.	.
JEDDO N.SP.1	.	.	.	.	.	.
LEPECHINELLIDAE	.	.	.	.	.	.
LEPTOPHOXUS	.	.	5	1	.	6
LEPTOPHOXUS N.SP.A	.	.	.	.	.	.
LEUCOTHOE SP.1	.	.	.	.	.	.
LILJEBORGIIDAE	.	.	.	.	.	.
LYSIANASSIDAE	.	.	1	.	.	1
LYSIANASSIDAE N.SP.1	.	2	.	.	.	2
LYSIANASSIDAE SP.2	.	.	.	.	.	.
LYSIANASSIDAE SP.3	.	.	2	.	.	2
LYSIANASSIDAE SP.5	1	1	.	.	.	2
MAYERELLA REDUNCA	.	.	.	.	.	.
MAYERELLA SP.	.	.	.	.	.	.
MELITA SP.1	.	.	2	.	.	2
MELITA SP.2	.	.	.	.	.	.
MELITA SP.3	2	.	3	.	.	5
MELITA SP.4	.	.	1	.	.	1
MELITIDAE	1	.	1	.	.	2
METAPHOXUS A	.	.	.	.	.	.
METAPHOXUS N.SP.	.	3	8	1	.	12
OEDICEROPSIS	.	.	.	.	.	.
PARAMETOPELLA N.SP.1	.	.	.	1	.	1
PARDISYNOPIA N.SP.1	.	4	6	2	3	15
PHOXOCEPHALIIDAE	.	.	2	.	.	2
PHOXOCEPHALUS SP.	.	6	.	.	.	6
PHOXOCEPHALUS SP.1	.	6	.	.	.	6
SEBIDAE	.	1	.	.	.	1
STENOTHOIDAE	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations					
	C 1	C 2	C 3	C 4	C 5	Total
AMPHIPODA (con't)						
SYNOPIIDAE	2	2	.	1	1	6
SYNOPIIDAE N. GEN. 2	.	.	.	.	.	.
SYNOPIIDAE N.GEN.1	.	.	.	.	.	.
SYNOPIIDAE SP.2	.	.	.	.	.	.
SYNOPIIDAE SP.3	2	2	3	.	.	7
SYNOPIIDAE SP.4	.	.	.	1	.	1
SYNOPIIDAE SP.5	1	.	.	.	.	1
SYRRHOE N. SP. 1	1	.	.	.	.	1
?VALETTIOPSIS SP.1	.	1	.	.	.	1
	20	38	44	21	9	132
DECAPODA						
AXIIDAE SP.A	.	1	.	.	.	1
AXIUS SP.	.	.	.	.	.	.
BATHYPLAX TYPHLA	.	.	.	.	.	.
CALLIANASSIDAE	.	.	.	.	.	.
CYMONOMUS N.SP.	.	.	.	.	.	.
NEPHROPSIS ACULEATA	1	.	.	.	.	1
	1	1	.	.	.	2
SIPUNCULA						
ASPIDOSIPHON SP.	.	.	.	.	.	.
ASPIDOSIPHON SP.A (CF. MUELLERI)	.	.	.	.	.	.
ASPIDOSIPHON SP.B	.	.	.	.	.	.
ASPIDOSIPHON SP.C	.	.	.	.	.	.
ASPIDOSIPHON SP.D	.	.	.	.	.	.
ASPIDOSIPHON SP.E	.	.	.	.	.	.
GOLFINGIA SP.	.	.	.	.	.	.
GOLFINGIA SP.A	.	.	.	.	.	.
GOLFINGIA SP.B	.	.	.	.	.	.
GOLFINGIA SP.C	.	.	.	.	.	.
GOLFINGIA SP.D	.	.	.	.	.	.
GOLFINGIA SP.E	.	.	.	.	.	.
GOLFINGIA SP.F	.	.	.	.	.	.
GOLFINGIA SP.G	.	.	.	.	.	.
GOLFINGIA SP.H	.	.	.	.	.	.
GOLFINGIA SP.I	.	.	.	.	.	.
GOLFINGIA SP.J	.	.	.	3	.	3
GOLFINGIA SP.K	.	.	.	3	.	3
GOLFINGIA SP.L	.	.	.	1	.	1
GOLFINGIA SP.M	.	.	1	.	.	1
GOLFINGIA SP.N	.	.	.	.	.	.
GOLFINGIA SP.O	.	.	.	.	.	.
GOLFINGIA SP.P	.	.	.	.	.	.
GOLFINGIIDAE	.	1	.	.	.	1
ONCHNESOMA SP.A	.	.	.	.	.	.
ONCHNESOMA SP.B	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations C 1	C 2	C 3	C 4	C 5	Total
SIPUNCULA (con't)						
ONCHNESOMA SQUAMATUM	.	.	.	.	.	.
ONCHNESOMA STEENSTRUPII	.	.	.	.	.	.
PHASCOLION SP.A	.	.	.	.	.	.
PHASCOLION SP.B	.	.	.	.	.	.
PHASCOLION SP.C	.	.	.	.	.	.
SIPHONOSOMA SP.	.	.	.	.	.	.
SIPHONOSOMA SP.A	.	.	.	.	.	.
SIPUNCULA	.	.	1	.	.	1
SIPUNCULA SP.A	2	.	.	.	.	2
SIPUNCULA SP.B	1	.	.	.	.	1
SIPUNCULIDAE	.	.	.	.	.	.
	3	1	2	7	.	13
BRYOZOA						
ANGUISIA SP.	.	.	.	2	.	2
BATHYALAZOON FORESTI?	.	.	.	.	.	.
BIFAXARIIDAE SP.F (N. GEN. N. SP.)	.	.	.	.	.	.
CHEILOSTOMATA	.	1	.	.	.	1
CHEILOSTOMATA SP. A (N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. B (N.G., N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. C (N.G., N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. D (N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. E (N.GEN.)	.	.	.	.	.	.
CHEILOSTOMATA SP.2145	.	.	.	.	.	.
CHEILOSTOMATA SP.2153	.	.	.	.	4	4
CHEILOSTOMATA SP.2154	.	.	.	.	.	.
CHEILOSTOMATA SP.2164	.	.	.	.	.	.
CHEILOSTOMATA SP.2166	.	.	.	11	.	11
CHEILOSTOMATA SP.2167	1	.	.	.	.	1
CHEILOSTOMATA SP.2169	.	.	.	.	.	.
CHEILOSTOMATA SP.2172	.	.	.	.	.	.
CHEILOSTOMATA SP.2198	.	.	.	.	.	.
CHEILOSTOMATA SP.2205	.	.	.	.	.	.
CHEILOSTOMATA SP.2210	.	.	.	.	.	.
CHEILOSTOMATA SP.2230	1	.	.	.	.	1
CHEILOSTOMATA SP.2243	.	.	.	.	.	.
CHEILOSTOMATA SP.2278	.	.	.	.	.	.
CHEILOSTOMATA SP.2333	.	.	.	.	.	.
CLAVIPORIDAE	.	.	.	.	.	.
CTENOSTOMATA	.	.	.	.	.	.
CTENOSTOMATA SP.2162	.	.	.	.	.	.
CTENOSTOMATA SP.2171	.	.	1	.	.	1
CTENOSTOMATA SP.2173	.	.	1	.	.	1
CTENOSTOMATA SP.2176	.	1	.	.	.	1
CTENOSTOMATA SP.2180	2	.	.	.	.	2
CTENOSTOMATA SP.2185	.	1	.	.	.	1
CTENOSTOMATA SP.2219	.	.	.	.	.	.
CTENOSTOMATA SP.2222	.	.	.	1	.	1

Table C-5 (Con't)

Taxa	C 1	C 2	C 3	C 4	C 5	Total
	Cruise II Stations					
BRYOZOA (con't)						
CTENOSTOMATA SP.2225	.	.	1	.	.	1
CTENOSTOMATA SP.2229	1	.	.	.	.	1
CTENOSTOMATA SP.2235	.	.	.	1	.	1
CTENOSTOMATA SP.2236	.	.	.	1	.	1
CTENOSTOMATA SP.2245	.	.	.	.	.	.
CTENOSTOMATA SP.2249	.	4	.	.	.	4
CTENOSTOMATA SP.2251	.	1	.	.	.	1
CTENOSTOMATA SP.2255	.	.	1	.	.	1
CTENOSTOMATA SP.2261	.	.	.	.	.	.
CTENOSTOMATA SP.2270	.	.	.	1	.	1
CTENOSTOMATA SP.2271	.	.	.	.	.	.
CTENOSTOMATA SP.2274	.	.	.	.	.	.
CTENOSTOMATA SP.2281	.	.	.	.	.	.
CTENOSTOMATA SP.2314	.	.	.	.	.	.
CTENOSTOMATA SP.2320	.	.	.	.	.	.
EUGINOMA CAVALIERI	1	.	1	5	.	7
EUGINOMA N.SP.	.	.	.	.	4	4
HELIODOMA SP.	.	.	.	5	.	5
MEMBRANIPORA SP.	.	.	.	.	.	.
MEMBRANIPORA TUBERCULATA	1	.	.	.	.	1
METALCYONIDIUM SP.	.	.	1	.	.	1
METRARABDOTOMORPHA AENIGMATISTES	.	.	.	1	.	1
METRARABDOTOMORPHA SP.	.	.	.	.	.	.
NEOFLUSTRELLIDRA SCHOPFI	.	.	.	.	.	.
NOLELLA HAMPSONI	.	1	.	.	.	1
NOLELLA SP.	.	1	1	3	.	5
NOTOPLITES SP.	.	.	.	.	.	.
PACHYZOON ATLANTICUM	.	.	1	.	.	1
PSEUDALCYONIDIUM BOBINAE	.	1	.	2	.	3
PSEUDALCYONIDIUM SP.	.	.	.	.	.	.
SCLERODOMUS SP.	.	.	.	2	.	2
SCRUPOCELLARIA SPP.	.	.	.	.	.	.
SETOSELLINA GOESII	.	.	.	.	.	.
SETOSELLINA SP.	.	.	.	1	.	1
SPHAERULOBRYOZOON PEDUNCULATUM	1	.	.	.	.	1
SPHAERULOBRYOZOON SP.	3	3	2	3	.	11
	11	14	10	39	8	82
BRACHIOPODA						
ARGYROTHECA N.SP.	.	.	.	.	.	.
CRYPTOPORA RECTIMARGINATA	2	3	1	.	7	13
	2	3	1	.	7	13

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Table C-5 (Con't)

Taxa	Cruise II Stations					
	C 1	C 2	C 3	C 4	C 5	Total
ASTEROIDEA						
ASTEROIDEA	.	.	.	.	.	.
?TOSIA SP.	.	.	.	.	.	.
	.	.	.	.	.	.
OPHIUROIDEA						
AMPHILEPIS SP.	.	.	.	.	.	.
AMPHIURA SEMIERMIS	.	.	.	.	.	.
OPHIACANTHIDAE JUVENILE SP.J	.	.	.	.	.	.
OPHIACANTHIDAE JUVENILE SP.K	.	.	.	.	.	.
OPHIERNUS SP.	.	.	.	.	.	.
OPHIOSTRIATUS SP.	.	.	.	.	.	.
OPHIOTHOLIA SP.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.A	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.B	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.C	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.D	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.E	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.F	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.G	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.H	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.I	.	.	.	.	.	.
	.	.	.	.	.	.
ECHINOIDEA						
ACESTE BELLIDIFERA	.	.	1	4	4	9
HEMIASTER EXPERGITUS	.	.	.	.	.	.
SCHIZASTER ORBIGNYANUS	.	.	.	.	.	.
	.	.	1	4	4	9
HOLOTHUROIDEA						
ASPIDOCHIROTIDAE	.	.	.	.	.	.
BENTHODYTES SP.	.	.	.	.	.	.
ECHINOCUCUMIS HISPIDA	.	.	.	.	.	.
HOLOTHUROIDEA	.	.	.	.	.	.
MOLPADIA SP.	.	1	.	1	.	2
MYRIOTROCHUS SP.	.	.	.	.	.	.
PROTANKYRA SP.	.	.	2	2	1	5
PSEUDOSTICHOPUS SP.	.	.	.	.	.	.
SYNAPTIDAE	.	.	2	1	.	3
	.	1	4	4	1	10

Table C-5 (Con't)

	Cruise II Stations					
Taxa	C 1	C 2	C 3	C 4	C 5	Total
CRINOIDEA						
DEMOCRINUS BREVIS	.	.	.	.	.	.
MONACHOCRINUS CARIBBEUS	.	.	.	2	.	2
	.	.	.	2	.	2
ASCIDIACEA						
ASCIDIACEA	.	.	.	.	.	.
BATHYSTYELOIDES N. SP.	.	.	.	2	.	2
DICARPA SIMPLEX	.	.	4	11	.	15
HEXACROBYLUS ARCTICUS?	.	.	.	.	.	.
MINIPERA N.SP.	.	.	.	.	.	.
MINIPERA PEDUNCULATA	.	.	.	.	.	.
MINIPERA SP.	.	.	.	.	.	.
PSEUDODIAZONA ABYSSA	.	.	.	.	.	.
PYURIDAE	.	.	.	.	.	.
STYELIDAE	.	.	.	.	.	.
	.	.	4	13	.	17

Table C-5 (Con't)

Taxa	Cruise II Stations E 1	 E 2	 E 3	 E 4	 E 5	 Total
PORIFERA						
?CHONDROCLADIA SP.	.	.	.	.	.	.
?DRAGMATELLA SP.	.	.	.	.	.	.
?ESPERIOPSIS PULCHELLA	.	.	.	.	.	.
HADROMERIDA SP.	.	.	.	.	.	.
?HAMACANTHA SP.	.	.	.	.	.	.
?HOMOSCLEROMORPHA	.	.	.	.	1	1
HYALONEMATIDAE	.	.	.	.	.	.
?HYMEDESMIIDAE	.	.	.	1	.	1
LITHISTIDA SP.	.	.	.	.	.	.
MYCALE SP.A	.	1	.	.	.	1
MYCALE SP.B	.	.	.	.	.	.
MYCALE SP.C	.	.	.	1	.	1
MYCALE SP.D	.	.	.	.	.	.
MYCALE SP.E	.	.	.	.	.	.
?OXYCORDYLA SP.	.	.	.	.	.	.
PLAKINIDAE SP.A	.	.	.	.	.	.
PLAKINIDAE SP.B	.	.	.	.	.	.
PLAKINIDAE SP.C	.	.	.	.	.	.
POECILOSCERIDA	.	.	.	.	.	.
POLYMASTIA POLYTYLOTA?	.	.	.	.	.	.
POLYMASTIA SP.	.	1	.	.	.	1
POLYMASTIIDAE	.	.	.	.	.	.
STYLOCORDYLA SP.	.	.	.	.	14	14
?SUBERITIDAE SP.A	.	.	.	.	.	.
?SUBERITIDAE SP.B	.	.	.	.	.	.
SUBERITIDAE SP.C	.	.	.	.	.	.
TETHYA SP.A	.	1	1	3	.	5
TETILLA SP.B	.	.	.	.	3	3
THENEA SP.A	.	.	.	.	1	1
THENEA SP.B	.	.	.	.	.	.
THENEA SP.C	.	.	.	1	3	4
	.	3	1	6	22	32
HYDROZOA						
AGLAOPHENIA LATECARINATA	.	.	.	.	.	.
CORYMORPHIDAE SP.1	.	.	.	.	.	.
EUCUSPIDELLA SP.	6	.	.	.	.	6
OBELIA BIDENTATA	.	.	.	.	.	.
OBELIA DICHOTOMA	.	.	.	.	.	.
OPERCULARELLA SP.	.	.	4	.	.	4
PANDEIDAE	.	.	.	.	.	.
STYLACTIS SP.	.	.	.	.	.	.
TUBULARIIDAE	.	.	.	.	.	.
	6	.	4	.	.	10

Table C-5 (Con't)

Taxa	Cruise II Stations E 1	E 2	E 3	E 4	E 5	Total
ACTINIARIA						
ACTINIARIA	.	.	.	1	.	1
ACTINIARIAN LARVAE	.	.	1	.	.	1
?HALCAMPOIDIDAE	.	.	.	.	.	.
	.	.	1	1	.	2
SCLERACTINEA						
DELTOCYATHUS SP.	.	.	.	.	.	.
DENDROPHYLLIA ALTERNATA	.	.	.	.	.	.
SCHIZOCYATHUS FISSILIS	.	.	.	.	.	.
SCLERACTINIA	.	.	.	.	.	.
	.	.	.	.	.	.
POLYCHAETA						
ACROCIRRIDAE	.	2	6	2	.	10
AEDICIRA SP.	.	5	2	8	4	19
AGLAOPHAMUS CIRCINATA	.	2	.	1	.	3
AGLAOPHAMUS VERRILLI	.	.	.	.	.	.
AGLAOPHAMUS/INERMONEPHTYS SP.	.	.	.	.	.	.
AMPHARETE "SP.A"	1	3	.	2	.	6
AMPHARETIDAE	.	3	4	.	.	7
AMPHARETIDAE GENUS A	.	.	1	.	.	1
AMPHARETIDAE GENUS B	.	.	.	.	.	.
AMPHARETIDAE GENUS C	.	.	.	.	.	.
AMPHARETIDAE GENUS D	.	.	.	.	.	.
AMPHARETIDAE GENUS E	.	.	.	.	.	.
AMPHICTEIS GUNNERI	1	.	.	.	.	1
AMPHICTEIS SCAPHOBRANCHIATA	.	.	.	.	.	.
AMPHINOMIDAE	.	.	.	.	.	.
ANAITIDES MUCOSA	.	1	.	.	.	1
ANCISTROSYLLIS "SP.A"	.	.	.	.	.	.
AONIDES SP.	1	.	.	.	.	1
APHRODITIDAE	1	.	.	.	.	1
ARABELLIDAE	1	.	.	.	.	1
ARENICOLIDAE	.	.	.	.	.	.
ARICIDEA (ACMIRA) SIMPLEX	.	.	.	.	.	.
ARICIDEA (ARICIDEA) FRAGILIS	.	.	.	.	.	.
ARICIDEA CATHERINAE	.	.	.	.	.	.
ARICIDEA CERRUTI	.	.	.	.	.	.
ARICIDEA SUECICA	3	1	8	7	2	21
ARICIDEA TAYLORI	1	2	.	.	.	3
ARICIDEA TRILOBATA?	.	1	.	.	.	1
ARICIDEA WASSI?	.	.	.	.	.	.
ASCLEROCHEILUS BERINGIANUS	.	2	.	.	.	2
ASCLEROCHEILUS SP.A	.	.	.	.	.	.
ASYCHIS ATLANTICUS	.	.	.	.	.	.
AUCHENOPLAX CRINITA	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations E 1	E 2	E 3	E 4	E 5	Total
POLYCHAETA (con't)						
AUGENERIA BIDENS	.	.	.	.	.	.
AUTOLYTUS SP.A	.	.	.	.	.	.
BRADA SP.A	.	.	3	.	.	3
BRADA VILLOSA	.	1	.	.	.	1
CALIFIA CALIDA	.	.	.	.	.	.
CALIFIA SP.A	.	.	.	.	.	.
CALIFIA SP.B	.	.	1	.	.	1
CAPETOMASTUS SP.A	.	.	.	.	.	.
CAPITELLA CAPITATA	.	.	.	.	.	.
CAPITELLIDAE	.	.	.	.	.	.
CAPITELLIDAE GENUS A	1	.	.	.	.	1
CAPITELLIDAE GENUS B	.	.	.	.	.	.
CAPITELLIDAE GENUS C	.	.	.	.	.	.
CAPITELLIDAE GENUS D	.	.	.	.	.	.
CAPITELLIDAE GENUS E	.	.	.	.	.	.
CAPITELLIDAE GENUS F	.	.	.	.	.	.
CAPITELLIDAE GENUS G	2	.	.	.	.	2
CAPITELLIDAE GENUS H	1	.	.	.	.	1
CAPITELLIDAE GENUS I	1	.	.	.	.	1
CAPITELLIDAE GENUS K	1	.	.	.	.	1
CAPITELLIDAE GENUS L	.	1	.	.	.	1
CAPITELLIDAE GENUS M	.	.	1	.	.	1
CAPITELLIDAE GENUS N	.	.	.	1	.	1
CAPITELLIDAE GENUS O	.	.	.	2	.	2
CAPITELLIDAE GENUS P	.	.	.	.	.	.
CAPITELLIDAE GENUS Q	.	.	.	.	.	.
CAPITELLIDAE GENUS R	.	.	.	.	.	.
CAPITELLIDAE GENUS S	.	.	.	.	.	.
CAPITELLIDAE GENUS T	.	.	.	.	.	.
CAPITELLIDAE GENUS U	.	.	.	.	.	.
CAPITELLIDAE GENUS V	.	.	.	.	.	.
CAPITELLIDAE GENUS W	.	.	.	.	.	.
?CAPITELLIDES SP.	.	.	.	.	.	.
CAPITOMASTUS SP.B	.	.	.	.	.	.
CAULLERIELLA CAPENSIS?	.	.	.	.	.	.
CAULLERIELLA SP.A	.	.	1	.	.	1
CERATOCEPHALE LOVENI	.	.	.	.	1	1
CERATOCEPHALE OCULATA	.	1	.	.	.	1
CHAETOPTERIDAE	.	.	.	.	.	.
CHAETOZONE "SP.C"	.	.	1	.	1	2
CHAETOZONE "SP.D"	.	.	.	.	.	.
CHONE SP.A	.	.	.	.	.	.
CHONE SP.B	.	1	.	.	.	1
CHONE SP.C	4	.	1	.	.	5
CHONE SP.D	.	.	1	.	.	1
CHONE SP.E	.	.	1	.	.	1
CHONE SP.F	.	.	.	.	.	.
CHONE SP.G	.	.	.	.	.	.
CIRRATULIDAE	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations					
	E 1	E 2	E 3	E 4	E 5	Total
POLYCHAETA (con't)						
CIRRATULUS SP.	.	.	.	.	.	.
CIRROPHORUS BRANCHIATUS	.	1	.	1	.	2
CIRROPHORUS LYRA	.	.	.	.	1	1
CIRROPHORUS SP.	.	.	.	.	.	.
CLYMENELLA TORQUATA	.	1	.	.	.	1
CLYMENURA SP.A	.	.	.	.	.	.
COSSURA DELTA	.	.	.	.	.	.
DECAMASTUS SP.A	.	.	.	.	.	.
DIPLOCIRRUS "SP.A"	.	2	.	.	.	2
DIPLOCIRRUS? SP.B	.	.	.	.	.	.
DIPLOCIRRUS CAPENSIS	1	.	1	2	.	4
DORVILLEA SOCIABILIS	1	.	.	.	.	1
DORVILLEIDAE	.	.	.	.	.	.
EHLERSILEANIRA INCISA	.	.	.	.	.	.
ETEONE SP.A	.	.	.	.	.	.
EUCHONE "SP.A"	.	.	.	1	.	1
EUCHONE CAPENSIS?	.	.	.	.	.	.
EUCHONE INCOLOR?	4	.	3	.	.	7
EULALIA SP.A	.	.	.	.	.	.
EUNICIDAE	.	.	.	.	.	.
EUPOLYMNIA SP.A	.	.	1	.	.	1
EUPOLYMNIA SP.B	.	.	.	1	.	1
EURYSYLLIS SP.A	.	.	.	.	.	.
EUSYLLIS LAMELLIGERA	.	.	.	.	.	.
EXOGONE "SP.A"	1	1	7	4	2	15
EXOGONE ATLANTICA	.	.	.	.	.	.
EXOGONE DISPAR	.	.	.	2	.	2
EXOGONE LONGICIRRUS?	.	.	.	.	.	.
EXOGONE SP.	.	.	.	.	.	.
EXOGONE SP.B	.	.	.	.	.	.
EXOGONE SP.C	.	.	1	.	.	1
EXOGONE SP.D	.	.	.	.	.	.
EXOGONINAE GENUS A	.	.	.	.	.	.
FABRICIA SP.A	2	.	.	.	.	2
FAUVELIOPSIS SP.B	1	3	.	1	1	6
FLABELLIDERMA SP.	.	.	.	.	.	.
FLABELLIGELLA PAPILLATA	.	.	.	.	.	.
FLABELLIGELLA SP.A	.	.	.	.	.	.
FLABELLIGERIDAE	.	.	.	.	.	.
GLYCERA PAPILLOSA?	.	.	1	.	.	1
GLYCERA SP.A	.	.	.	.	.	.
GLYCERA SP.B	.	.	.	.	.	.
GLYCERA SP.C	.	.	.	.	.	.
GLYCERIDAE	.	.	.	3	.	3
GLYCINDE NORDMANNI	.	.	.	.	.	.
GONIADA SP.A	.	.	.	.	.	.
GONIADA SP.B	.	.	.	.	.	.
GYPTIS BREVIPALPA	.	.	.	.	.	.
GYPTIS SP.A	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations E 1	E 2	E 3	E 4	E 5	Total
POLYCHAETA (con't)						
GYPTIS SP.B	.	.	1	.	.	1
HAPLOSCOLOPLOS SP.A	.	.	.	.	.	.
HESIONIDAE	1	1	.	1	.	3
HESIOSPINA SP.A	.	.	.	.	.	.
HETEROMASTUS SP.A	.	.	.	1	.	1
HETEROSPIO "SP.A"	.	.	1	.	.	1
HETEROSPIO LONGISSIMA?	1	.	.	.	.	1
HETEROSPIO SP.	.	1	.	.	.	1
HYALINOECIA TUBICOLA	.	.	2	.	.	2
HYBOSCOLEX LONGISETA?	1	.	.	.	.	1
INERMONEPHTYS SP.A	.	.	.	.	.	.
KINBERGONUPHIS SP.A	.	.	.	.	.	.
KINBERGONUPHIS SP.B	.	.	.	.	.	.
LAONICE CIRRATA	.	.	.	4	1	5
LEANIRA HYSTRICUS	.	.	.	.	.	.
LEITOSCOLOPLOS FRAGILIS	.	.	2	.	.	2
LEITOSCOLOPLOS SP.A	.	.	.	1	.	1
LITOCORSA "SP.A"	2	3	.	.	.	5
LUGIA RARICA	.	.	.	.	.	.
LUMBRINERIDAE	.	.	.	.	.	.
LUMBRINERIDES ACUTA?	.	.	.	.	.	.
LUMBRINERIDES DAYI	.	2	1	.	.	3
LUMBRINERIDES SP.A	.	.	.	.	.	.
LUMBRINERIS BREVIPES	.	.	.	.	.	.
LUMBRINERIS CANDIDA	.	.	.	1	.	1
LUMBRINERIS COCCINEA	1	.	.	.	.	1
LUMBRINERIS LATRIELLI	.	.	.	.	.	.
LUMBRINERIS SP.	.	.	.	.	.	.
LUMBRINERIS SP.A	.	.	.	.	.	.
LUMBRINERIS TETRAURA	.	.	.	.	.	.
LUMBRINERIS VERRILLI	1	.	.	.	.	1
MAGELONA FILIFORMIS	1	.	.	.	.	1
MAGELONA LONGICORNIS	.	.	.	.	.	.
MAGELONA SP.A	.	.	.	.	.	.
MAGELONIDAE	.	.	.	.	.	.
MALDANE "SP.A"	.	.	.	.	.	.
MALDANE GLEBIFEX	.	.	.	.	.	.
MALDANE SP.B	.	.	.	.	.	.
MALDANIDAE	3	1	.	.	.	4
MALDANIDAE GENUS A	.	.	.	.	.	.
MALDANIDAE GENUS B	.	.	.	.	.	.
MALDANIDAE GENUS C	.	.	.	.	.	.
MEDIOMASTUS CALIFORNIENSIS	.	.	.	.	.	.
MELINNA CRISTATA	.	.	.	.	.	.
MICROMALDANE SP.	.	2	2	1	.	5
MICRONEPHTHYS MINUTA	.	.	.	.	.	.
MICRORBINIA SP.A	.	.	.	.	.	.
MICROSPIO SP.A	1	.	1	1	.	3

Table C-5 (Con't)

	Cruise II Stations					
Taxa	E 1	E 2	E 3	E 4	E 5	Total
POLYCHAETA (con't)						
MOOREONUPHIS PALLIDULA	.	.	.	.	.	.
MYRIOCHELE HEERI?	.	.	.	.	.	.
MYRIOWENIA SP.A	.	2	1	1	.	4
MYSTIDES BOREALIS	.	.	.	.	.	.
NAINERIS SP.	.	.	.	1	.	1
NEOMEDIOMASTUS SP.A	.	.	.	.	.	.
NEPHTYIDAE	.	.	.	.	.	.
NEPHTYS INCISA	.	.	.	.	.	.
NEREIDAE	.	.	.	.	.	.
NEREIMYRA SP.A	.	.	.	.	.	.
NOTHRIA GEOPHILIFORMIS?	.	.	.	.	.	.
NOTHRIA SP.A	.	.	.	.	.	.
NOTHRIA SP.B	.	.	.	.	.	.
NOTOMASTUS AMERICANUS	1	.	.	.	.	1
NOTOMASTUS LATERICEUS	.	1	.	3	2	6
ONUPHIDAE	.	.	.	.	.	.
ONUPHIS "SP.A"	.	.	.	.	.	.
ONUPHIS EREMITA	.	.	.	.	.	.
OPHELIIDAE	.	.	.	.	.	.
OPHELINA SP.	.	.	.	.	.	.
OPHELINA SP.A	1	.	.	.	.	1
OPHELINA SP.B	.	.	.	1	.	1
OPHELINA SP.C	.	.	.	.	.	.
OPHELINA SP.D	.	.	1	.	.	1
OPHELINA SP.E	.	.	1	.	.	1
OPHELINA SP.F	.	.	.	.	.	.
OPHELINA SP.G	.	.	.	.	.	.
OPHIOGLYCERA SP.	.	.	.	.	.	.
OPHRYOTROCHA SP.A	.	.	.	1	.	1
ORBINIIDAE	.	.	.	.	.	.
PALEANOTUS "SP.A"	1	.	.	.	.	1
PALMYRA SP.A	.	.	.	1	.	1
PARADONEIS LYRA	.	.	.	.	.	.
PARAHETEROMASTIDES SP.A	.	.	.	.	.	.
PARALACYDONIA PARADOXA	.	.	.	.	.	.
PARALEIOCAPITELLA MOSSAMBICA	.	.	.	.	.	.
PARAMARPHYSA SP.	1	.	.	.	.	1
PARAMPHINOME PULCHELLA	2	1	.	.	.	3
PARANDALIA SP.A	.	.	.	.	.	.
PARAONIDAE	.	.	.	1	1	2
PARAONIS CORNATUS	.	.	.	.	.	.
PARAONIS GRACILIS	2	1	.	.	.	3
PARAPIONOSYLLIS SP.B	.	.	.	.	.	.
PARONUPHIS ABYSSORUM?	.	.	.	.	.	.
PARONUPHIS SP.A	.	.	.	.	.	.
PARONUPHIS SP.B	.	.	.	.	.	.
PERESIELLA SP.A	1	.	.	.	.	1
PHALACROSTEMMA SP.A	.	.	.	.	.	.
PHERUSA SP.	.	2	.	.	.	2

Table C-5 (Con't)

Taxa	Cruise II Stations					
	E 1	E 2	E 3	E 4	E 5	Total
POLYCHAETA (con't)						
PHOLOE "SP.C"	.	.	3	.	.	3
PHOLOE MINUTA?	1	.	.	.	.	1
PHYLLODOCE CASTANEA?	.	.	.	.	.	.
PHYLLODOCIDAE	.	.	2	.	.	2
PHYLLODOCIDAE GENUS A	.	.	.	.	.	.
PHYLO NUDUS	.	.	.	.	.	.
PILARGIDAE	.	.	.	.	.	.
PIONOSYLLIS "SP.B"	.	1	.	.	.	1
PIONOSYLLIS SP.	.	.	.	.	.	.
PIONOSYLLIS SP.A	.	.	.	.	.	.
PIROMIS SP.A	.	.	.	.	.	.
PODARKE "SP.A"	.	.	.	.	.	.
PODARKE AGILIS	.	.	.	.	.	.
PODARKEOPSIS SP.A	.	.	.	.	.	.
POECILOCHAETUS SP.A	.	.	.	.	.	.
POECILOCHAETUS SP.B	.	.	.	.	.	.
POLYCHAETA	.	.	.	.	.	.
POLYNOIDAE "GENUS A"	.	.	.	.	.	.
POTAMILLA RENIFORMIS?	.	.	.	.	.	.
PRIONOSPIO (HINOSPIO) "SP.A"	.	.	.	.	.	.
PRIONOSPIO CIRRIFERA	2	11	8	1	.	22
PRIONOSPIO CIRROBRANCHIATA	.	.	.	.	.	.
PRIONOSPIO EHLERSI	1	.	1	.	.	2
PRIONOSPIO SP.	.	.	.	.	.	.
PRIONOSPIO SP.A	3	.	.	.	.	3
PRIONOSPIO SP.B	.	.	.	.	.	.
PRIONOSPIO SP.C	2	.	.	.	.	2
PRIONOSPIO SP.D	1	.	.	.	.	1
PRIONOSPIO STEENSTRUPI	.	.	.	.	.	.
PROCLEA SP.	.	.	.	.	.	.
PROGONIADA REGULARIS	.	.	.	.	.	.
PROTOMYSTIDES BIDENTATA	.	.	.	.	.	.
PSEUDOMALACOCEROS SP.A	.	.	.	.	.	.
PSUEDOMALACOCEROS SP.B	.	.	.	.	.	.
RHODINE SP.A	.	.	.	.	.	.
RHODINE SP.B	.	.	.	1	.	1
SABELLIDAE	1	3	1	3	1	9
?SABELLIDES SP.A	.	1	.	.	.	1
SARSONUPHIS HARTMANAE	2	3	4	.	.	9
SCHISTOMERINGOS RUDOLPHI	.	.	.	.	.	.
SCOLOLEPIS TEXANA	.	.	.	.	.	.
SCOLOPLOS RUBRA	.	.	.	.	.	.
SCOLOPLOS SP.	.	.	.	.	.	.
SCOLOPLOS SP.A	.	.	.	4	.	4
SIGALIONIDAE	.	.	.	.	.	.
SIGAMBRA BASSI	1	.	.	.	.	1
SIGAMBRA TENTACULATA	.	.	.	.	.	.
SPHAEREPHESIA SP.A	.	.	.	.	.	.
SPHAERODOROPSIS "SP.A"	.	.	1	.	.	1

Table C-5 (Con't)

	Cruise II Stations					
Taxa	E 1	E 2	E 3	E 4	E 5	Total
POLYCHAETA (con't)						
SPHAEROSYLLIS ACICULA?	.	.	.	.	.	.
SPHAEROSYLLIS GLANDULATA	.	.	.	.	.	.
SPHAEROSYLLIS HYSTRIX	.	.	.	.	.	.
SPHAEROSYLLIS MAGNIDENTATA	.	.	.	.	.	.
SPHAEROSYLLIS PIRIFEROPSIS	.	.	.	.	.	.
SPHAEROSYLLIS SP.A	.	.	.	.	.	.
SPIOCHAETOPTERUS COSTARUM	.	.	.	1	.	1
SPIONIDAE	8	.	.	6	3	17
SPIONIDAE GENUS A	.	.	.	.	.	.
SPIONIDAE GENUS B	2	.	.	.	.	2
SPIOPHANES BERKELEYORUM	1	1	3	.	.	5
SPIOPHANES BOMBYX	.	.	2	.	.	2
SPIOPHANES KROYERI	.	.	.	.	.	.
SPIOPHANES MISSIONENSIS	.	.	.	.	.	.
SPIOPHANES SP.A	.	.	.	.	.	.
SPIOPHANES SP.B	.	.	.	.	.	.
SPIOPHANES SP.C	.	.	.	2	.	2
SPIOPHANES WIGLEYI	.	.	.	1	.	1
STERNASPIS SCUTATA	2	.	.	.	.	2
STHENELAIS SP.A	.	.	1	.	.	1
STHENOLEPIS SP.A	.	.	.	.	.	.
STREBLOSOMA SP.A	.	.	.	.	.	.
STREBLOSOMA SP.B	.	.	.	.	.	.
SYLLIDAE	1	6	3	3	.	13
SYLLIDAE GENUS B	.	.	.	.	.	.
SYLLIDAE GENUS C	.	.	.	.	.	.
SYLLIS (EHLERSIA) CORNUTA	1	.	2	.	.	3
SYLLIS (EHLERSIA) FERRUGINA	.	.	.	.	.	.
SYLLIS (EHLERSIA) SP.A	1	.	.	.	.	1
SYLLIS (EHLERSIA) SP.B	.	.	.	.	.	.
SYLLIS (TYPOSYLLIS) GERLACHI?	.	1	.	.	.	1
SYNELMIS KLATTI	.	.	.	.	.	.
TACHYTRYPANE JEFFREYSII	.	.	.	.	.	.
TACHYTRYPANE SP.A	2	4	.	.	.	6
TACHYTRYPANE SP.B	.	.	.	.	.	.
TACHYTRYPANE SP.C	.	.	.	.	.	.
TEREBELLIDAE	.	.	1	1	.	2
TEREBELLIDES STROEMI	.	1	.	1	.	2
THARYX ANNULOSUS?	.	3	5	1	.	9
THARYX MARIONI	1	1	3	3	5	13
THARYX SP.A	.	.	.	.	.	.
THEROCHAETA SP.A	.	.	.	.	.	.
TRAVISIA SP.A	.	3	.	.	.	3
TRICHOBRANCHUS GLACIALIS	.	.	.	.	.	.
TROCHOCHAETA SP.A	1	.	.	.	.	1
	84	90	98	85	25	382

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Table C-5 (Con't)

	Cruise II Stations					
Taxa	E 1	E 2	E 3	E 4	E 5	Total
OLIGOCHAETA						
OLIGOCHAETA	.	4	.	1	4	9
	.	4	.	1	4	9
GASTROPODA						
ACTEONIDAE	.	.	.	.	.	.
ALVANIA XANTHIAS	.	.	.	.	.	.
BENTHOMANGELIA SP.	.	.	.	.	.	.
BENTHONELLA FISCHERI	.	.	.	.	.	.
BROOKULA SP.	.	.	.	.	.	.
CHIMA SP.	.	.	.	.	.	.
CHRYSALLIDA SP.	.	.	.	.	.	.
CIMA SP.	.	.	.	.	.	.
CINGULA SP.	.	.	.	.	.	.
CORINNAETURRIS SP.	.	.	.	.	.	.
CRENILABIUM SP.	.	.	.	.	.	.
ECCLISEOGYRA PERFORMOSA	.	.	.	.	.	.
EULIMA SP.	.	.	.	.	.	.
EULIMIDAE	.	.	.	.	.	.
GASTROPODA	1	.	.	2	4	7
LISSOSPIRA SP.	.	.	.	.	.	.
MANGELIINAE	.	.	.	.	.	.
MELANELLA SP.	1	.	.	.	.	1
PHILENE SP.	.	.	1	.	.	1
PYRUNCULUS OVATUS	.	.	.	.	.	.
RISSOIDAE	.	.	.	.	.	.
SCAPHANDER SP.	.	.	.	.	.	.
SCAPHANDER WATSONI	.	.	.	.	.	.
SEGUENZIA SP.	1	.	.	1	.	2
SKEINIDAE	.	.	1	.	.	1
TARANIS MALMI	.	.	.	.	.	.
TORNUS EXQUISITUS	.	.	.	.	.	.
	3	.	2	3	4	12
BIVALVIA						
?ASTARTE SP.	.	.	.	.	.	.
ASTARTE SP.A	.	.	.	5	.	5
BATHYARCA SP.A	1	1	1	1	.	4
BIVALVIA	7	1	7	12	8	35
CARDIOMYA SP.A	.	.	.	.	.	.
CARDIOMYA SP.B	.	.	.	.	.	.
CRENELLA SP.A	.	1	1	2	.	4
?CUSPIDARIA SP.	10	.	1	.	.	11
CYCLOPECTEN SP.A	.	.	.	.	.	.
DACRYDIUM VITREUM	8	.	.	1	3	12
EULAMELLIBRANCH SP.	.	1	1	1	.	3
EULAMELLIBRANCH SP.A	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations					
	E 1	E 2	E 3	E 4	E 5	Total
BIVALVIA (con't)						
EULAMELLIBRANCH SP.B	.	.	2	2	1	5
EULAMELLIBRANCH SP.C	.	.	.	.	.	.
EULAMELLIBRANCH SP.D	.	.	.	.	.	.
EULAMELLIBRANCH SP.E	.	.	.	.	.	.
EULAMELLIBRANCH SP.F	8	3	.	.	.	11
LIMA SP.	.	.	1	.	.	1
LIMOPSIS SP.	5	2	5	.	.	12
?LUCINA SP.	4	1	.	.	.	5
MACRODON (BENTHARCA) ASPERULA	.	.	.	.	.	.
MALLETIA SP.A	.	.	.	2	.	2
MALLETIA SP.B	4	6	5	.	.	15
NUCULA CALLICREDEMNA	.	.	.	.	.	.
NUCULA SP.A	1	1	8	1	.	11
NUCULA SP.B	.	.	.	3	.	3
NUCULANIDAE	.	.	.	.	.	.
NUCULANIDAE (NUCULANA?) SP.D	2	.	.	.	.	2
NUCULANIDAE (THESTYLEDA?) SP.I	.	.	.	.	.	.
NUCULANIDAE (TINDARIA?) SP.E	2	1	.	.	.	3
NUCULANIDAE (TINDARIA?) SP.G	.	.	1	.	.	1
NUCULANIDAE SP.B	.	.	.	8	.	8
NUCULANIDAE SP.C	.	.	.	.	.	.
NUCULANIDAE SP.F	.	.	.	.	.	.
NUCULANIDAE SP.H	.	.	.	1	.	1
NUCULANIDAE SP.J	.	.	.	.	.	.
NUCULANIDAE SP.K	.	.	.	.	.	.
NUCULANIDAE SP.L	.	.	.	.	.	.
?PECTEN SP.	.	.	.	1	.	1
POLICORDIA SP.A	.	.	.	1	.	1
PRISTOGLOMA NITENS	.	.	.	.	1	1
PRONUCULA SP.A	.	.	.	.	.	.
PROTOBRANCHIA	.	.	.	.	.	.
TELLINA SP.A	.	.	.	.	.	.
TELLINA SP.B	.	.	.	1	.	1
THYASIRA SP.A	.	.	.	.	.	.
THYASIRA SP.B	.	.	.	.	.	.
?VESICOMYA SP.	1	3	5	12	.	21
YOLDIELLA SP.A	.	.	.	7	.	7
	53	21	38	61	13	186
SCAPHAPODA						
CADULUS SP.	.	.	.	.	.	.
DENTALIIDAE	.	.	.	.	.	.
DENTALIUM CALLITHRIX	.	.	.	.	.	.
DENTALIUM DIDYMUM	.	.	.	.	.	.
DENTALIUM PERLONGUM	.	.	.	.	.	.
EPISIPHON SP.	.	.	.	2	.	2
HETEROSCHIZMOIDES CALLITHRIX	.	.	.	.	.	.
PULSELLUM PRESSUM	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise II Stations					
Taxa	E 1	E 2	E 3	E 4	E 5	Total
SCAPHAPODA (con't)						
SCAPHOPODA	3	.	.	.	.	3
SIPHONODENTALIIDAE	.	.	.	2	.	2
	3	.	.	4	.	7
OSTRACODA						
ANGULOROSTRUM SP.A	12	5	2	13	.	32
CYLINDROLEBERIDINAE	.	.	.	.	.	.
EUPHILOMEDES SP.A	.	5	.	.	.	5
HARBANSUS SP.	3	.	.	.	.	3
HARBANSUS SP.A	.	.	.	.	.	.
HARBANSUS SP.B	.	.	.	.	.	.
HARBANSUS SP.C	.	4	.	3	.	7
IGENE SP.A	.	.	5	.	.	5
PHILOMEDES SP.A	.	2	.	.	.	2
PODOCOPA	11	5	48	65	33	162
PSEUDOPHILOMEDES SP.A	.	2	.	.	.	2
PTEROCYPRIDINA SEX	.	.	4	1	.	5
SCLERANER SP.A	.	.	.	.	.	.
SCLEROCONCHA SP.A	.	.	1	.	.	1
SPINACOPIA SP.A	.	.	.	.	.	.
	26	23	60	82	33	224
CUMACEA						
APOCUMA N.SP.I	.	.	.	.	.	.
BATHYCUMA NATALENSE?	.	.	.	.	.	.
CAMPYLASPIS ALBA	.	.	.	.	.	.
CAMPYLASPIS BICARINATA	.	.	.	.	.	.
CAMPYLASPIS COGNATA	.	.	1	.	.	1
CAMPYLASPIS N. SP. (CF. PLICATA)	.	.	.	.	.	.
CAMPYLASPIS PILOSA	.	.	.	.	.	.
CAMPYLASPIS SP.	1	1	.	.	.	2
CAMPYLASPIS SPINOSA	.	.	3	1	.	4
CHALAROSTYLIS N. SP.E	.	.	1	.	.	1
CUMELLA ACULEATA	.	.	.	.	.	.
CUMELLA ACUMINATA	.	.	.	1	.	1
CUMELLA ANGUSTATA	.	.	.	.	.	.
CUMELLA ANTIPAI	.	.	1	.	.	1
CUMELLA BISHOPI	.	.	.	.	.	.
CUMELLA COMPACTA?	.	.	.	.	.	.
CUMELLA DAYAE	.	.	.	.	.	.
CUMELLA DECIPIENS	.	.	.	.	.	.
CUMELLA ERECTA	.	.	1	1	1	3
CUMELLA SP.	.	.	.	1	.	1
CUMELLOPSIS BICOSTATA	.	.	.	.	.	.
CUMELLOPSIS LAEVIS	.	.	.	.	.	.
CYCLASPIS LONGICAUDATA	.	.	1	.	.	1
CYCLASPOIDES SARSI	.	.	1	.	.	1

Table C-5 (Con't)

Taxa	Cruise II Stations					
	E 1	E 2	E 3	E 4	E 5	Total
CUMACEA (con't)						
DIASTYLIS N.SP.H	.	.	.	.	.	.
EPILEUCON SP.	.	.	.	.	.	.
EPILEUCON TENUIROSTRIS?	.	.	.	2	.	2
EUDORELLA HISPIDA	.	.	.	.	.	.
EUDORELLA N. SP.C	.	.	.	.	.	.
EUDORELLA SP.	.	.	.	.	.	.
LEPTOSTYLIS MANCOIDES	.	.	.	.	.	.
LEPTOSTYLUS MACRURA	.	.	.	.	.	.
LEPTOSTYLUS N. SP.D	.	.	.	.	.	.
LEPTOSTYLUS SP.	.	.	1	.	.	1
LEUCON MACRORHINUS?	.	.	.	.	.	.
LEUCON N. SP. (CF. MACRORHINUS)	.	.	.	.	.	.
LEUCON SERRATUS?	.	.	.	.	.	.
LEUCON SP.	.	.	.	.	1	1
LEUCON TENER?	.	.	.	.	.	.
LEUCON TENER	.	.	.	.	.	.
LEUCON TURGIDULUS	1	.	.	.	1	2
MACROKYLINDRUS N. SP. CF. CINGULATUS	.	.	.	.	.	.
MACROKYLINDRUS N. SP. CF. LOMAKINAE	.	.	.	.	.	.
MACROKYLINDRUS SP.	.	.	.	.	.	.
MESOLAMPROPS N. SP.B	.	.	.	.	.	.
MURILAMPROPS BRASILIENSIS	.	.	.	.	.	.
PARALAMPROPS N. SP.F	.	.	.	1	.	1
PETALOSARSIA LONGIROSTRIS	.	.	.	.	.	.
PLATYCUMA CANDIDA	.	.	.	.	.	.
PROCAMPYLASPUS ACANTHOMMA	1	.	.	.	.	1
PROCAMPYLASPUS OMMIDION	.	.	.	.	4	4
PROCAMPYLASPUS SP.	.	.	.	.	.	.
VAUNTHOMPSONIINAE N. SP.	.	.	.	.	.	.
VEMAKYLINDRUS COSTARICANUS	.	.	1	1	.	2
VEMAKYLINDRUS N.SP. (CF. COSTARICANUS	.	.	.	.	.	.
	3	1	11	8	7	30
TANAIDACEA						
AGATHOTANAIS SP.1	.	.	.	4	.	4
ANARTHRURA SP.4	.	.	.	.	.	.
ANARTHRURIDAE SP.1	.	.	.	1	1	2
ANARTHRURIDAE SP.2	.	.	.	1	.	1
ANARTHRURIDAE SP.3	.	.	.	.	.	.
ANARTHRURIDAE SP.4	.	2	1	.	.	3
APSEUDES SP.1	.	.	.	1	.	1
APSEUDES SP.2	.	.	.	.	.	.
APSEUDES SP.3	.	.	.	.	2	2
APSEUDES SP.4	.	.	.	.	.	.
APSEUDES SP.5	.	.	.	.	.	.
APSEUDES SP.6	.	.	.	.	.	.
APSEUDES SP.7	.	.	.	.	.	.
APSEUDIDAE	.	.	1	.	.	1

Table C-5 (Con't)

Taxa	Cruise II Stations E 1	E 2	E 3	E 4	E 5	Total
TANAIDACEA (con't)						
APSEUDIDAE SP.1	.	.	.	1	.	1
APSEUDIDAE SP.2	.	.	2	.	.	2
APSEUDIDAE SP.3 (GENUS C)	.	.	.	.	.	.
APSEUDIDAE SP.4	.	.	.	.	.	.
LEPTOGNATHIA SP.	.	.	4	1	.	5
LEPTOGNATHIA SP.1	.	.	.	.	.	.
LEPTOGNATHIA SP.10	.	.	.	.	.	.
LEPTOGNATHIA SP.11	.	.	.	.	.	.
LEPTOGNATHIA SP.14	.	.	.	.	.	.
LEPTOGNATHIA SP.15	.	.	7	1	.	8
LEPTOGNATHIA SP.17	.	.	.	.	.	.
LEPTOGNATHIA SP.2	.	.	.	.	.	.
LEPTOGNATHIA SP.20	.	.	.	.	.	.
LEPTOGNATHIA SP.22	.	.	.	.	.	.
LEPTOGNATHIA SP.23	1	.	.	.	.	1
LEPTOGNATHIA SP.24	.	.	.	.	.	.
LEPTOGNATHIA SP.26	.	.	.	.	.	.
LEPTOGNATHIA SP.27	.	.	.	.	.	.
LEPTOGNATHIA SP.28	.	.	.	.	.	.
LEPTOGNATHIA SP.29	.	.	.	.	.	.
LEPTOGNATHIA SP.3	.	.	.	.	.	.
LEPTOGNATHIA SP.30	.	.	.	.	.	.
LEPTOGNATHIA SP.31	.	.	.	.	.	.
LEPTOGNATHIA SP.32	.	.	.	.	.	.
LEPTOGNATHIA SP.33	.	.	.	.	.	.
LEPTOGNATHIA SP.34	.	.	.	.	.	.
LEPTOGNATHIA SP.35	.	.	.	1	.	1
LEPTOGNATHIA SP.37	.	.	.	.	.	.
LEPTOGNATHIA SP.38	.	.	.	.	.	.
LEPTOGNATHIA SP.39	.	.	.	.	.	.
LEPTOGNATHIA SP.4	.	.	.	.	.	.
LEPTOGNATHIA SP.41	2	.	1	.	.	3
LEPTOGNATHIA SP.42	.	.	.	.	.	.
LEPTOGNATHIA SP.43	.	.	.	1	.	1
LEPTOGNATHIA SP.45	.	.	.	1	.	1
LEPTOGNATHIA SP.46	.	.	1	.	.	1
LEPTOGNATHIA SP.47	.	.	.	.	.	.
LEPTOGNATHIA SP.48	.	.	.	.	.	.
LEPTOGNATHIA SP.49	1	.	.	.	.	1
LEPTOGNATHIA SP.5	.	.	.	.	.	.
LEPTOGNATHIA SP.51	.	.	.	.	.	.
LEPTOGNATHIA SP.52	.	.	1	2	.	3
LEPTOGNATHIA SP.53	.	1	.	.	.	1
LEPTOGNATHIA SP.54	.	.	2	.	.	2
LEPTOGNATHIA SP.55	.	.	1	.	.	1
LEPTOGNATHIA SP.56	.	.	1	.	.	1
LEPTOGNATHIA SP.57	.	1	2	.	.	3
LEPTOGNATHIA SP.58	.	.	.	4	.	4
LEPTOGNATHIA SP.59	1	1	2	.	.	4

Table C-5 (Con't)

Taxa	Cruise II Stations					
	E 1	E 2	E 3	E 4	E 5	Total
TANAIDACEA (con't)						
LEPTOGNATHIA SP.6	.	.	.	.	.	.
LEPTOGNATHIA SP.60	.	.	2	.	.	2
LEPTOGNATHIA SP.61	.	2	.	2	.	4
LEPTOGNATHIA SP.62	.	.	.	1	.	1
LEPTOGNATHIA SP.63	.	.	.	.	.	.
LEPTOGNATHIA SP.64	.	.	.	4	.	4
LEPTOGNATHIA SP.65	.	.	.	.	.	.
LEPTOGNATHIA SP.66	.	.	.	.	.	.
LEPTOGNATHIA SP.67	.	.	.	.	.	.
LEPTOGNATHIA SP.68	.	.	.	.	2	2
LEPTOGNATHIA SP.69	.	.	.	.	2	2
LEPTOGNATHIA SP.7	.	.	.	.	.	.
LEPTOGNATHIA SP.70	.	.	.	.	1	1
LEPTOGNATHIA SP.71	.	.	.	.	.	.
LEPTOGNATHIA SP.72	.	.	.	.	.	.
LEPTOGNATHIA SP.73	.	.	.	.	.	.
LEPTOGNATHIA SP.74	.	.	.	.	.	.
LEPTOGNATHIA SP.75	.	.	.	.	.	.
LEPTOGNATHIA SP.76	.	.	.	.	.	.
LEPTOGNATHIA SP.77	.	.	1	.	.	1
LEPTOGNATHIA SP.78	.	.	.	.	.	.
LEPTOGNATHIA SP.79	.	.	.	.	.	.
LEPTOGNATHIA SP.8	.	.	.	.	.	.
LEPTOGNATHIA SP.80	.	.	.	.	.	.
LEPTOGNATHIA SP.81	.	.	.	.	.	.
LEPTOGNATHIA SP.A MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.B MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.C MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.D MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.E MALE	.	1	.	.	.	1
LEPTOGNATHIA SP.F MALE	.	1	.	.	.	1
LEPTOGNATHIA SP.G MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.H MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.I MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.J MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.K MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.L MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.M MALE	.	.	.	.	.	.
LEPTOGNATHIA SP.N. MALE	.	.	.	.	.	.
LEPTOGNATHIIDAE	.	.	.	.	.	.
LEPTOGNATHIIDAE GENUS B	.	.	.	.	.	.
NEOTANAIS SP.1	.	1	.	.	1	2
PARANARTHRURA INSIGNIS?	.	1	1	4	.	6
PARANARTHRURA SP.	.	.	1	.	.	1
PARANARTHRURA SP.1	.	1	.	.	.	1
PARANARTHRURA SP.2	.	.	.	.	.	.
PARANARTHRURA SP.3	.	.	.	.	2	2
PARANARTHRURA SP.4	.	.	.	.	.	.
PARANARTHRURA SP.5	.	.	.	.	.	.

Table C-5 (Con't)

Taxa -	Cruise II Stations					
	E 1	E 2	E 3	E 4	E 5	Total
TANAIDACEA (con't)						
PARATANAIDAE SP.1	1	1	6	.	.	8
PARATANAIDAE SP.2	.	.	1	3	.	4
PSEUDOTANAIDAE	.	.	.	.	.	.
PSEUDOTANAIDAE GENUS A (N.SP,N.GEN)	.	.	1	.	.	1
PSEUDOTANAIDAE SP.A MALE	.	.	.	.	.	.
PSEUDOTANAIS SP.	.	.	.	.	.	.
PSEUDOTANAIS SP.1	1	1	.	1	2	5
PSEUDOTANAIS SP.2	.	1	1	.	.	2
PSEUDOTANAIS SP.3	.	.	.	.	.	.
PSEUDOTANAIS SP.4	.	.	.	.	.	.
SPHYRAPHUS SP.1	.	.	.	1	.	1
SPHYRAPHUS SP.2	1	.	.	.	.	1
STROGYLURA SP.1	.	.	2	2	.	4
STROGYLURA SP.2	.	2	.	.	.	2
TANAELLA SP.1	.	.	2	.	.	2
TANAELLA SP.2	.	.	.	.	.	.
TANAIDACEA	.	1	.	1	.	2
TYPHLOTANAIS SP.	.	1	.	2	.	3
TYPHLOTANAIS SP.1	1	.	2	2	.	5
TYPHLOTANAIS SP.10	.	1	.	.	.	1
TYPHLOTANAIS SP.11	.	.	3	.	.	3
TYPHLOTANAIS SP.12	.	.	.	1	.	1
TYPHLOTANAIS SP.13	.	.	.	1	.	1
TYPHLOTANAIS SP.14	.	.	.	.	3	3
TYPHLOTANAIS SP.15	.	.	.	.	.	.
TYPHLOTANAIS SP.16	.	.	.	.	1	1
TYPHLOTANAIS SP.17	.	.	.	.	.	.
TYPHLOTANAIS SP.2	.	.	.	.	.	.
TYPHLOTANAIS SP.3	.	.	.	.	.	.
TYPHLOTANAIS SP.4	.	.	.	.	.	.
TYPHLOTANAIS SP.5	.	.	1	1	.	2
TYPHLOTANAIS SP.6	.	.	1	1	.	2
TYPHLOTANAIS SP.7	.	.	.	.	.	.
TYPHLOTANAIS SP.8	.	.	.	.	.	.
TYPHLOTANAIS SP.9	.	1	.	.	.	1
	9	21	51	46	17	144
ISOPODA						
ACANTHOCOPE SP.231	.	.	.	.	.	.
ANTHOCOPE SP.295	.	.	.	.	.	.
ANTHURIDAE (SP.259)	.	.	.	.	.	.
BALBIDOCOLON SP.267	.	.	.	1	.	1
BELONECTES SP.220	.	.	.	.	.	.
BETAMORPHA SP.292	.	.	.	.	.	.
CHELATOR SP.212	.	.	.	.	.	.
CHELATOR SP.237	.	.	.	1	.	1
CHELATOR SP.251	.	.	.	2	1	3
CHELATOR SP.284	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations E 1	E 2	E 3	E 4	E 5	Total
ISOPODA (con't)						
CIROLANA SP.282	1	.	.	.	.	1
CONILERA SP.214	.	1	.	.	.	1
CRYPTONISCIDAE SP.257	.	.	.	.	.	.
CYATHURA SP.263	.	.	.	.	.	.
DENDROMUNNA SP.249	.	.	.	2	.	2
DENDROTION SP.246	.	.	.	.	.	.
DESMOSOMA SP.248	.	.	1	.	.	1
DESMOSOMA SP.260	.	1	.	1	.	2
DESMOSOMATIDAE	.	.	.	1	.	1
DISCONECTES SP.262	.	.	.	.	.	.
DISCONECTES SP.272	.	.	.	.	.	.
DISPARELLA SP.274	.	.	.	.	.	.
ECHINOPLEURA SP.291	.	.	.	.	.	.
EUGERDA SP.	.	.	.	1	.	1
EUGERDA SP.215	.	.	1	.	.	1
EUGERDA SP.236	.	.	.	1	.	1
EUGERDA SP.289	.	.	.	.	.	.
EUGERDELLA SP.229	.	.	.	.	.	.
EUGERDELLA SP.241	.	.	.	.	.	.
EURYCOPE SP.	.	.	.	.	.	.
EURYCOPE SP.277	.	.	.	.	2	2
EURYCOPE SP.283	.	.	.	.	.	.
EURYCOPIDAE	.	.	.	.	.	.
EURYCOPIDAE N. GEN. B (SP.271)	.	.	.	.	.	.
EURYCOPIDAE N. GEN. X2 (SP.258)	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS G	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS H	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS Y	.	.	.	.	.	.
EXILINISCUS SP.232	.	.	.	1	.	1
EXILINISCUS SP.255	.	3	.	.	.	3
GNATHIA SP.201	.	.	.	.	.	.
GNATHIA SP.210	.	.	.	.	.	.
GNATHIA SP.211	1	.	.	.	.	1
GNATHIA SP.226	.	.	.	.	.	.
HAPLOMESUS SP.207	.	.	.	.	.	.
HAPLOMESUS SP.239	.	.	.	2	1	3
HAPLOMSUS SP.	.	.	.	.	.	.
HAPLONISCUS SP.234	.	.	.	.	.	.
HAPLONISCUS SP.273	.	.	.	.	.	.
HAPSIDOHEDRA SP.245	.	.	.	.	.	.
HETEROMESUS SP.288	.	.	.	.	.	.
ILYARACHNA SP.218	.	.	1	1	.	2
ISCHNOMESUS SP.	.	.	.	.	.	.
ISCHNOMESUS SP.208	.	.	1	.	.	1
ISCHNOMESUS SP.222	.	.	.	.	.	.
ISCHNOMESUS SP.227	.	.	3	.	.	3
ISCHNOMESUS SP.247	.	1	.	.	.	1
ISCHNOMESUS SP.275	.	.	.	3	2	5
ISCHNOMESUS SP.276	.	.	.	.	.	.

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Table C-5 (Con't)

	Cruise II Stations					
Taxa	E 1	E 2	E 3	E 4	E 5	Total
ISOPODA (con't)						
ISCHNOMESUS SP.278	.	.	.	.	1	1
ISOPODA	.	.	1	.	.	1
KATIANIRA SP.244	.	.	.	1	.	1
LEPTANTHURA SP.205	.	.	.	3	.	3
LEPTANTHURA SP.219	.	.	1	.	.	1
LIPOMERA SP.280	.	.	.	1	.	1
MACROSTYLUS SP.223	.	.	2	.	.	2
MACROSTYLUS SP.256	.	.	.	5	2	7
MALACANTHURA SP.294	.	.	.	.	.	.
MIRABILICOXA SP.253	.	.	.	.	.	.
MIRABILICOXA SP.254	.	.	.	.	.	.
MIRABILICOXA SP.261	.	.	.	.	1	1
MIRABILICOXA SP.269	.	.	.	.	.	.
MOMEDOSSA SP.268	.	.	.	.	.	.
NANNONISCIDAE N. GEN. X SP.213	.	.	.	.	.	.
NANNONISCOIDES SP.229	.	.	.	.	.	.
NANNONISCOIDES SP.250	.	.	.	.	.	.
NANNONISCONUS SP.240	.	.	.	2	.	2
NANNONISCUS SP.233	.	.	.	.	.	.
NANNONISCUS SP.242	.	.	.	.	.	.
NOTOXENOIDES SP.206	.	.	.	.	.	.
OCSANTHURA SP.266	.	.	.	.	.	.
PANETELA SP.224	.	.	.	.	.	.
PROCHELATOR SP.202	1	.	.	.	.	1
PROCHELATOR SP.209	.	.	2	.	.	2
PROCHELATOR SP.228	.	.	.	.	.	.
PROCHELATOR SP.235	1	1	.	.	.	2
PROCHELATOR SP.238	.	2	.	5	.	7
PROCHELATOR SP.290	.	.	.	.	.	.
PSEUDARACHNA SP.281	.	.	.	1	.	1
PSEUDOMESUS SP.293	.	.	.	.	.	.
RAPANISCUS SP.265	.	.	.	1	3	4
REGABELLATOR SP.221	.	.	.	.	.	.
THAMBEMA SP.243	.	1	2	.	.	3
THAUMASTASOMA SP.279	.	.	.	.	2	2
TORWOLIA SP.203	2	.	.	1	.	3
WHOIA SP.216	1	.	.	1	2	4
WHOIA SP.225	.	.	.	.	.	.
WHOIA SP.264	.	.	.	.	1	1
WHOIA SP.270	.	.	.	.	.	.
	7	10	15	38	18	88
AMPHIPODA						
ACANTHONOTOZOMATIDAE N.SP.1	.	.	.	.	.	.
AMPELISCA AGASSIZI	.	.	.	.	.	.
AMPELISCA PACIFICA?	.	.	.	.	.	.
AMPELISCA SP.	.	1	.	.	.	1

Table C-5 (Con't)

Taxa	Cruise II Stations					
	E 1	E 2	E 3	E 4	E 5	Total
AMPHIPODA (con't)						
AMPELISCA SP.2	.	.	.	.	.	.
AMPELISCA SP.3	.	.	.	.	.	.
AMPELISCIDAE	.	.	.	.	.	.
AMPHIPODA	.	4	2	.	.	6
AMPHIPODA UNKNOWN FAMILY 1	.	.	.	.	.	.
BATHYMEDON N.GEN.	.	.	.	.	.	.
BYBLIS N.SP.1	.	.	.	1	.	1
BYBLIS SP.	.	.	.	.	.	.
BYBLIS SP.2	.	.	.	.	.	.
CAPRELLIDAE	.	.	.	1	.	1
CARANGOLIA N.SP.1	.	.	1	.	.	1
COROPHIIDAE	.	.	1	1	.	2
COROPHIIDAE SP.1	.	.	.	.	.	.
COROPHIOIDEA N.SP.1	.	.	.	.	.	.
COROPHIOIDEA SP.2	.	.	.	1	.	1
EUSIRIDAE N. GEN. 1	.	.	.	.	.	.
GAMMAROPSIS SP. 1	.	.	.	.	.	.
HARPINIINAE	.	1	1	2	.	4
HARPINIINAE SP.2	.	1	.	.	.	1
HAUSTORIIDAE	.	.	.	.	.	.
?INGOLFIELLIDAE	.	.	.	1	.	1
JEDDO N.SP.1	.	.	.	.	.	.
LEPECHINELLIDAE	.	.	.	.	.	.
LEPTOPHOXUS	.	.	1	.	.	1
LEPTOPHOXUS N.SP.A	.	.	.	.	.	.
LEUCOTHOE SP.1	.	.	.	.	.	.
LILJEBORGIIDAE	.	1	.	.	.	1
LYSIANASSIDAE	.	.	.	.	.	.
LYSIANASSIDAE N.SP.1	.	.	.	.	.	.
LYSIANASSIDAE SP.2	.	.	.	.	.	.
LYSIANASSIDAE SP.3	.	.	1	.	.	1
LYSIANASSIDAE SP.5	.	1	.	.	.	1
MAYERELLA REDUNCA	.	.	.	.	.	.
MAYERELLA SP.	.	.	.	.	.	.
MELITA SP.1	.	.	.	.	.	.
MELITA SP.2	.	.	.	.	.	.
MELITA SP.3	.	.	.	.	.	.
MELITA SP.4	.	.	.	.	.	.
MELITIDAE	.	.	.	.	.	.
METAPHOXUS A	.	.	.	.	.	.
METAPHOXUS N.SP.	.	.	1	.	.	1
OEDICEROPSIS	.	.	.	.	.	.
PARAMETOPELLA N.SP.1	.	.	.	.	.	.
PARDISYNOPIA N.SP.1	.	4	2	1	1	8
PHOXOCEPHALIIDAE	.	.	.	1	.	1
PHOXOCEPHALUS SP.	.	.	2	.	.	2
PHOXOCEPHALUS SP.1	.	.	.	.	.	.
SEBIDAE	.	.	.	.	.	.
STENOTHOIDAE	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations					
	E 1	E 2	E 3	E 4	E 5	Total
AMPHIPODA (con't)						
SYNOPIIDAE	.	.	1	1	.	2
SYNOPIIDAE N. GEN. 2	.	.	.	.	1	1
SYNOPIIDAE N.GEN.1	.	.	.	.	.	.
SYNOPIIDAE SP.2	.	.	.	.	.	.
SYNOPIIDAE SP.3	.	1	.	.	.	1
SYNOPIIDAE SP.4	.	1	.	.	.	1
SYNOPIIDAE SP.5	.	.	.	.	.	.
SYRRHOE N. SP. 1	.	.	.	.	.	.
?VALETTIOPSIS SP.1	.	.	.	.	.	.
	.	15	13	10	2	40
DECAPODA						
AXIIDAE SP.A	.	.	.	.	.	.
AXIUS SP.	.	.	.	.	.	.
BATHYPLAX TYPHLA	.	.	.	.	.	.
CALLIANASSIDAE	.	.	.	.	.	.
CYMONOMUS N.SP.	.	1	.	.	.	1
NEPHROPSIS ACULEATA	.	.	.	.	.	.
	.	1	.	.	.	1
SIPUNCULA						
ASPIDOSIPHON SP.	.	.	.	.	.	.
ASPIDOSIPHON SP.A (CF. MUELLERI)	.	.	.	.	.	.
ASPIDOSIPHON SP.B	.	.	.	.	.	.
ASPIDOSIPHON SP.C	.	.	.	.	.	.
ASPIDOSIPHON SP.D	.	.	.	.	.	.
ASPIDOSIPHON SP.E	.	1	.	.	.	1
GOLFINGIA SP.	.	.	.	.	.	.
GOLFINGIA SP.A	.	.	.	.	.	.
GOLFINGIA SP.B	1	.	5	3	2	11
GOLFINGIA SP.C	.	.	.	.	.	.
GOLFINGIA SP.D	.	.	.	.	.	.
GOLFINGIA SP.E	.	.	.	.	.	.
GOLFINGIA SP.F	1	.	.	.	.	1
GOLFINGIA SP.G	.	.	.	.	.	.
GOLFINGIA SP.H	1	.	.	.	.	1
GOLFINGIA SP.I	.	3	.	.	.	3
GOLFINGIA SP.J	.	.	.	.	.	.
GOLFINGIA SP.K	.	.	.	.	.	.
GOLFINGIA SP.L	.	.	.	.	.	.
GOLFINGIA SP.M	.	.	.	.	.	.
GOLFINGIA SP.N	.	.	.	.	.	.
GOLFINGIA SP.O	.	.	.	.	.	.
GOLFINGIA SP.P	.	.	.	.	.	.
GOLFINGIIDAE	.	.	.	.	1	1
ONCHNESOMA SP.A	.	.	.	.	.	.
ONCHNESOMA SP.B	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations E 1	E 2	E 3	E 4	E 5	Total
SIPUNCULA (con't)						
ONCHNESOMA SQUAMATUM	.	1	.	.	.	1
ONCHNESOMA STEENSTRUPII	6	.	.	.	.	6
PHASCOLION SP.A	.	.	.	.	.	.
PHASCOLION SP.B	.	.	.	.	.	.
PHASCOLION SP.C	.	.	.	.	.	.
SIPHONOSOMA SP.	.	.	.	.	.	.
SIPHONOSOMA SP.A	.	.	.	1	.	1
SIPUNCULA	2	.	.	.	.	2
SIPUNCULA SP.A	.	.	.	.	.	.
SIPUNCULA SP.B	.	.	.	.	.	.
SIPUNCULIDAE	.	.	.	.	1	1
	11	5	5	4	4	29
BRYOZOA						
ANGUISIA SP.	.	.	.	.	.	.
BATHYALAZOON FORESTI?	.	.	1	.	.	1
BIFAXARIIDAE SP.F (N. GEN. N. SP.)	.	.	.	.	.	.
CHEILOSTOMATA	.	.	.	.	.	.
CHEILOSTOMATA SP. A (N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. B (N.G., N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. C (N.G., N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. D (N.SP.)	.	.	.	.	.	.
CHEILOSTOMATA SP. E (N.GEN.)	.	.	.	.	.	.
CHEILOSTOMATA SP.2145	.	.	.	1	.	1
CHEILOSTOMATA SP.2153	.	.	.	1	1	2
CHEILOSTOMATA SP.2154	.	1	.	.	.	1
CHEILOSTOMATA SP.2164	.	.	.	.	.	.
CHEILOSTOMATA SP.2166	.	.	1	7	.	8
CHEILOSTOMATA SP.2167	.	.	.	.	.	.
CHEILOSTOMATA SP.2169	.	.	.	.	.	.
CHEILOSTOMATA SP.2172	.	.	.	.	.	.
CHEILOSTOMATA SP.2198	.	.	.	.	.	.
CHEILOSTOMATA SP.2205	.	.	.	.	.	.
CHEILOSTOMATA SP.2210	.	.	.	1	.	1
CHEILOSTOMATA SP.2230	.	.	.	.	.	.
CHEILOSTOMATA SP.2243	.	.	.	.	.	.
CHEILOSTOMATA SP.2278	.	.	.	.	.	.
CHEILOSTOMATA SP.2333	.	.	.	.	.	.
CLAVIPORIDAE	.	.	.	.	.	.
CTENOSTOMATA	.	.	.	.	.	.
CTENOSTOMATA SP.2162	.	.	.	.	.	.
CTENOSTOMATA SP.2171	.	.	.	.	.	.
CTENOSTOMATA SP.2173	.	.	.	.	.	.
CTENOSTOMATA SP.2176	.	.	.	.	.	.
CTENOSTOMATA SP.2180	.	.	.	.	.	.
CTENOSTOMATA SP.2185	.	.	.	.	.	.
CTENOSTOMATA SP.2219	.	.	.	.	1	1
CTENOSTOMATA SP.2222	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise II Stations E 1	E 2	E 3	E 4	E 5	Total
BRYOZOA (con't)						
CTENOSTOMATA SP.2225	.	.	.	.	.	.
CTENOSTOMATA SP.2229	.	.	.	.	.	.
CTENOSTOMATA SP.2235	.	.	.	.	.	.
CTENOSTOMATA SP.2236	.	.	.	.	.	.
CTENOSTOMATA SP.2245	1	.	.	.	.	1
CTENOSTOMATA SP.2249	.	.	.	.	.	.
CTENOSTOMATA SP.2251	.	.	.	.	.	.
CTENOSTOMATA SP.2255	.	.	.	.	.	.
CTENOSTOMATA SP.2261	.	.	1	.	.	1
CTENOSTOMATA SP.2270	.	.	.	.	.	.
CTENOSTOMATA SP.2271	.	.	.	.	1	1
CTENOSTOMATA SP.2274	1	.	.	.	.	1
CTENOSTOMATA SP.2281	.	.	.	.	.	.
CTENOSTOMATA SP.2314	.	.	.	.	.	.
CTENOSTOMATA SP.2320	.	.	.	.	.	.
EUGINOMA CAVALIERI	3	.	.	10	.	13
EUGINOMA N.SP.	.	.	.	.	.	.
HELIODOMA SP.	.	.	.	.	.	.
MEMBRANIPORA SP.	.	.	.	.	.	.
MEMBRANIPORA TUBERCULATA	.	.	.	.	.	.
METALCYONIDIUM SP.	4	.	.	.	.	4
METRARABDOTOMORPHA AENIGMATISTES	.	.	.	.	.	.
METRARABDOTOMORPHA SP.	.	.	.	.	.	.
NEOFLUSTRELLIDRA SCHOPFI	.	.	.	.	.	.
NOLELLA HAMPSONI	.	.	.	.	.	.
NOLELLA SP.	11	2	1	1	.	15
NOTOPLITES SP.	.	.	7	.	.	7
PACHYZOON ATLANTICUM	.	.	.	.	.	.
PSEUDALCYONIDIUM BOBINAE	.	.	.	.	.	.
PSEUDALCYONIDIUM SP.	.	.	.	.	.	.
SCLERODOMUS SP.	.	.	.	.	.	.
SCRUPOCELLARIA SPP.	.	.	.	.	.	.
SETOSELLINA GOESII	5	.	.	.	.	5
SETOSELLINA SP.	2	.	.	.	.	2
SPHAERULOBRYOZOON PEDUNCULATUM	.	.	.	.	.	.
SPHAERULOBRYOZOON SP.	.	.	2	1	.	3
	27	3	13	22	3	68
BRACHIOPODA						
ARGYROTHECA N.SP.	.	.	.	.	.	.
CRYPTOPORA RECTIMARGINATA	.	1	.	.	.	1
	.	1	.	.	.	1

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Table C-5 (Con't)

	Cruise II Stations					
Taxa	E 1	E 2	E 3	E 4	E 5	Total
ASTEROIDEA						
ASTEROIDEA	.	.	.	.	.	.
?TOSIA SP.	.	.	.	.	.	.
	.	.	.	.	.	.
OPHIUROIDEA						
AMPHILEPIS SP.	.	.	.	.	.	.
AMPHIURA SEMIERMIS	.	.	.	.	.	.
OPHIACANTHIDAE JUVENILE SP.J	.	.	.	.	.	.
OPHIACANTHIDAE JUVENILE SP.K	.	.	.	.	.	.
OPHIERNUS SP.	.	.	.	.	.	.
OPHIOSTRIATUS SP.	.	.	.	.	.	.
OPHIOTHOLIA SP.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.A	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.B	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.C	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.D	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.E	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.F	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.G	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.H	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.I	.	.	.	.	.	.
	.	.	.	.	.	.
ECHINOIDEA						
ACESTE BELLIDIFERA	.	1	.	1	1	3
HEMIASTER EXPERGITUS	.	.	.	.	.	.
SCHIZASTER ORBIGNYANUS	.	.	.	.	.	.
	.	1	.	1	1	3
HOLOTHUROIDEA						
ASPIDOCHIROTIDAE	.	.	.	.	.	.
BENTHODYTES SP.	.	.	.	.	.	.
ECHINOCUCUMIS HISPIDA	.	.	.	2	.	2
HOLOTHUROIDEA	.	.	.	.	.	.
MOLPADIA SP.	.	.	.	.	.	.
MYRIOTROCHUS SP.	3	4	2	.	.	9
PROTANKYRA SP.	.	.	3	2	.	5
PSEUDOSTICHOPUS SP.	.	.	.	.	.	.
SYNAPTIDAE	.	4	.	1	.	5
	3	8	5	5	.	21

Table C-5 (Con't)

Taxa	Cruise II Stations E 1	E 2	E 3	E 4	E 5	Total
CRINOIDEA						
DEMOCRINUS BREVIS	.	.	.	.	.	.
MONACHOCRINUS CARIBBEUS	.	.	.	.	.	.
	.	.	.	.	.	.
ASCIDIACEA						
ASCIDIACEA	.	.	.	.	.	.
BATHYSTYELOIDES N. SP.	.	.	1	2	.	3
DICARPA SIMPLEX	.	1	3	.	.	4
HEXACROBYLUS ARCTICUS?	.	.	.	.	1	1
MINIPERA N.SP.	.	.	.	.	.	.
MINIPERA PEDUNCULATA	.	.	.	.	1	1
MINIPERA SP.	.	.	.	.	.	.
PSEUDODIAZONA ABYSSA	.	.	.	.	.	.
PYURIDAE	.	.	.	.	.	.
STYELIDAE	.	.	.	.	.	.
	.	1	4	2	2	9

BLANK PAGE

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
PORIFERA												
?CHONDROCLADIA SP.	.	.	.	.	.	.	.	.	.	.	.	.
?DRAGMATELLA SP.	.	.	.	.	.	.	.	1	.	.	.	1
?ESPERIOPSIS PULCHELLA	.	.	.	.	.	.	.	.	.	.	.	.
HADROMERIDA SP.	.	.	.	.	.	.	.	.	.	.	1	1
?HAMACANTHA SP.	.	.	.	.	.	.	.	.	.	1	.	1
?HOMOSCLEROMORPHA	.	.	.	.	.	.	.	.	.	.	.	.
HYALONEMATIDAE	.	.	.	.	.	2	.	.	.	.	.	2
?HYMEDESMIIDAE	.	.	.	.	.	.	.	.	.	.	.	.
LITHISTIDA SP.	.	.	.	.	.	2	.	1	.	.	.	3
MYCALE SP.A	.	.	.	.	.	.	.	.	.	.	.	.
MYCALE SP.B	.	.	.	.	1	.	.	1	2	.	2	6
MYCALE SP.C	.	.	.	.	.	.	.	.	2	.	.	2
MYCALE SP.D	.	.	.	.	.	.	.	.	.	.	1	1
MYCALE SP.E	.	.	.	.	.	2	.	.	.	.	.	2
?OXYCORDYLA SP.	.	.	.	.	.	1	.	.	.	.	.	1
PLAKINIDAE SP.A	.	.	.	.	.	.	.	.	.	.	.	.
PLAKINIDAE SP.B	.	.	.	.	.	1	.	1	.	.	.	2
PLAKINIDAE SP.C	.	.	.	.	.	1	2	.	1	.	.	4
POECILOSCERIDA	.	.	.	.	1	.	.	.	.	.	.	1
POLYMASTIA POLYTYLOTA?	.	.	.	.	.	.	.	1	.	.	.	1
POLYMASTIA SP.	.	.	.	.	.	.	.	.	.	.	.	.
POLYMASTIIDAE	.	.	.	.	.	.	.	1	.	.	.	1
STYLOCORDYLA SP.	.	.	.	.	.	.	.	.	.	.	.	.
?SUBERITIDAE SP.A	.	.	.	.	.	1	1	.	.	.	.	2
?SUBERITIDAE SP.B	.	.	.	.	.	.	1	.	.	.	.	1
SUBERITIDAE SP.C	.	.	.	1	.	.	1	.	.	.	.	2
TETHYA SP.A	.	.	.	.	.	3	3	1	.	.	.	7
TETILLA SP.B	.	.	.	.	.	.	.	.	2	.	1	3
THENEA SP.A	.	.	.	.	.	.	.	.	.	.	1	1
THENEA SP.B	.	.	.	.	.	.	.	.	.	.	.	.
THENEA SP.C	.	.	.	.	.	.	.	.	.	1	2	3
	.	.	.	1	2	13	8	7	7	2	8	48
HYDROZOA												
AGLAOPHENIA LATECARINATA	.	.	.	.	.	.	.	.	.	.	.	.
CORYMORPHIDAE SP.1	.	.	.	.	.	.	.	.	.	.	.	.
EUCUSPIDELLA SP.	.	.	.	.	.	.	.	.	.	.	.	.
OBELIA BIDENTATA	.	.	2	.	.	.	.	.	.	.	.	2
OBELIA DICHOTOMA	.	.	.	.	.	.	.	.	.	.	.	.
OPERCULARELLA SP.	.	.	.	.	1	.	.	.	.	.	.	1
PANDEIDAE	.	.	.	.	.	.	.	5	.	.	.	5
STYLACTIS SP.	.	.	.	.	.	.	.	.	.	.	.	.
TUBULARIIDAE	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	2	.	1	.	.	5	.	.	.	8

Table C-5 (Con't)

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
ACTINIARIA												
ACTINIARIA	.	.	.	.	.	.	.	.	.	.	.	.
ACTINIARIAN LARVAE	.	.	.	.	.	.	.	.	.	.	.	.
?HALCAMPOIDIDAE	.	.	.	.	.	.	.	1	1	.	.	2
	.	.	.	.	.	.	.	1	1	.	.	2
SCLERACTINEA												
DELTOCYATHUS SP.	.	.	.	1	.	.	.	1	.	.	.	2
DENDROPHYLLIA ALTERNATA	.	.	.	.	.	.	.	1	.	.	.	1
SCHIZOCYATHUS FISSILIS	3	.	.	.	.	.	.	.	.	.	.	3
SCLERACTINIA	1	.	.	.	.	.	.	.	.	.	.	1
	4	.	.	1	.	.	.	2	.	.	.	7
POLYCHAETA												
ACROCIRRIDAE	.	.	.	1	.	1	.	.	.	1	5	8
AEDICIRA SP.	.	.	1	2	.	5	2	.	.	1	2	13
AGLAOPHAMUS CIRCINATA	.	5	.	.	.	.	.	.	.	.	.	5
AGLAOPHAMUS VERRILLI	16	.	.	.	.	.	.	.	.	.	.	16
AGLAOPHAMUS/INERMONEPHTYS SP.	.	.	.	.	.	.	.	.	.	.	.	.
AMPHARETE "SP.A"	2	.	1	.	.	1	.	.	.	.	.	4
AMPHARETIDAE	.	4	.	.	.	1	4	.	1	.	.	10
AMPHARETIDAE GENUS A	.	.	.	.	.	.	.	.	.	.	.	.
AMPHARETIDAE GENUS B	.	.	.	.	.	.	.	.	.	.	.	.
AMPHARETIDAE GENUS C	.	.	.	.	.	.	.	.	.	.	.	.
AMPHARETIDAE GENUS D	.	10	.	.	.	.	.	.	.	.	.	10
AMPHARETIDAE GENUS E	.	.	1	.	.	.	.	.	.	.	.	1
AMPHICTEIS GUNNERI	.	4	.	.	.	.	.	.	.	.	.	4
AMPHICTEIS SCAPHOBRANCHIATA	.	1	.	.	.	.	.	.	.	.	.	1
AMPHINOMIDAE	.	.	.	.	.	.	.	.	.	.	.	.
ANAITIDES MUCOSA	.	.	.	.	.	.	.	.	.	.	.	.
ANCISTROSYLLIS "SP.A"	.	.	.	.	.	.	.	.	.	.	.	.
AONIDES SP.	.	.	.	.	.	.	.	.	.	.	.	.
APHRODITIDAE	.	.	.	.	.	.	.	.	.	.	.	.
ARABELLIDAE	.	.	.	.	.	.	.	.	.	.	.	.
ARENICOLIDAE	.	.	.	.	.	.	.	.	.	.	.	.
ARICIDEA (ACMIRA) SIMPLEX	1	4	.	.	1	.	.	.	.	.	.	6
ARICIDEA (ARICIDEA) FRAGILIS	.	.	.	.	.	.	.	.	.	.	.	.
ARICIDEA CATHERINAE	.	1	.	.	.	.	.	.	.	.	.	1
ARICIDEA CERRUTI	1	.	.	.	.	.	.	.	.	.	.	1
ARICIDEA SUECICA	3	7	1	.	1	.	.	.	.	.	1	13
ARICIDEA TAYLORI	.	.	.	.	.	.	.	.	.	.	.	.
ARICIDEA TRILOBATA?	.	.	.	.	.	.	.	.	.	.	.	.
ARICIDEA WASSI?	3	.	.	.	.	.	.	.	.	.	.	3
ASCLEROCHEILUS BERINGIANUS	.	.	.	.	.	.	.	.	.	.	1	1
ASCLEROCHEILUS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
ASYCHIS ATLANTICUS	.	.	.	3	.	.	.	.	.	.	.	3
AUCHENOPLAX CRINITA	.	.	.	.	.	.	.	.	.	.	.	.

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
POLYCHAETA (con't)												
AUGENERIA BIDENS	.	.	.	.	.	.	.	.	.	2	.	2
AUTOLYTUS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
BRADA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
BRADA VILLOSA	.	.	.	.	.	.	.	.	.	.	.	.
CALIFIA CALIDA	2	.	.	.	.	.	.	.	.	.	.	2
CALIFIA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
CALIFIA SP.B	.	.	.	.	.	.	.	.	.	.	.	.
CAPETOMASTUS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLA CAPITATA	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS A	.	1	.	.	.	1	.	.	.	.	.	2
CAPITELLIDAE GENUS B	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS C	1	.	.	.	.	.	.	.	.	.	.	1
CAPITELLIDAE GENUS D	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS E	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS F	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS G	.	.	.	.	.	.	.	.	.	.	1	1
CAPITELLIDAE GENUS H	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS I	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS K	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS L	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS M	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS N	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS O	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS P	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS Q	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS R	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS S	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS T	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS U	.	.	.	.	.	.	.	.	.	.	.	.
CAPITELLIDAE GENUS V	.	.	.	1	.	.	.	.	.	.	.	1
CAPITELLIDAE GENUS W	.	.	.	.	.	.	.	.	.	.	1	1
?CAPITELLIDES SP.	.	.	.	.	.	.	.	.	.	.	.	.
CAPITOMASTUS SP.B	2	.	.	.	.	.	.	.	.	.	.	2
CAULLERIELLA CAPENSIS?	.	.	.	.	.	.	.	.	.	.	.	.
CAULLERIELLA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
CERATOCEPHALE LOVENI	.	.	.	.	.	.	.	.	.	.	.	.
CERATOCEPHALE OCULATA	1	1	.	1	.	.	1	.	.	.	.	4
CHAETOPTERIDAE	.	.	.	.	.	.	.	.	.	.	.	.
CHAETOZONE "SP.C"	.	.	.	.	.	.	.	.	.	.	1	1
CHAETOZONE "SP.D"	.	.	.	.	.	.	.	.	.	.	.	.
CHONE SP.A	1	.	.	.	.	.	.	.	.	.	.	1
CHONE SP.B	.	.	.	.	.	.	.	.	.	.	.	.
CHONE SP.C	.	.	.	.	.	.	.	.	.	.	.	.
CHONE SP.D	.	.	.	.	.	.	.	.	.	.	.	.
CHONE SP.E	.	.	.	.	.	.	.	.	.	.	.	.
CHONE SP.F	.	.	.	.	.	.	.	.	.	.	.	.
CHONE SP.G	.	1	.	.	.	.	.	.	.	.	.	1
CIRRATULIDAE	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5   (Con't)

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
POLYCHAETA (con't)												
CIRRATULUS SP.	1	.	.	.	.	.	.	.	.	.	.	1
CIRROPHORUS BRANCHIATUS	.	.	.	.	3	.	.	.	.	.	.	3
CIRROPHORUS LYRA	.	3	.	1	.	2	.	1	.	.	.	7
CIRROPHORUS SP.	.	.	.	.	.	.	.	.	.	.	.	.
CLYMENELLA TORQUATA	.	.	.	.	.	.	.	.	.	.	.	.
CLYMENURA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
COSSURA DELTA	.	.	1	.	.	.	.	.	.	.	.	1
DECAMASTUS SP.A	.	.	.	.	1	.	.	.	.	.	.	1
DIPLOCIRRUS "SP.A"	.	.	.	.	.	.	.	.	.	.	.	.
DIPLOCIRRUS? SP.B	.	.	.	.	.	.	.	.	.	.	.	.
DIPLOCIRRUS CAPENSIS	.	.	1	.	1	2	.	.	.	.	.	4
DORVILLEA SOCIABILIS	.	.	.	.	.	.	.	.	.	.	.	.
DORVILLEIDAE	.	.	.	.	.	.	.	.	.	.	.	.
EHLERSILEANIRA INCISA	.	.	.	.	.	.	.	.	.	.	.	.
ETEONE SP.A	.	.	.	.	.	.	.	.	.	.	.	.
EUCHONE "SP.A"	.	.	.	.	.	.	.	.	.	.	.	.
EUCHONE CAPENSIS?	.	.	.	.	.	.	.	.	.	.	.	.
EUCHONE INCOLOR?	.	.	.	.	.	.	.	1	.	.	.	1
EULALIA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
EUNICIDAE	.	.	.	.	.	.	.	.	.	.	.	.
EUPOLYMNIA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
EUPOLYMNIA SP.B	.	.	.	.	.	.	.	.	.	.	.	.
EURYSYLLIS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
EUSYLLIS LAMELLIGERA	.	.	.	.	.	.	.	.	.	.	.	.
EXOGONE "SP.A"	.	.	2	.	1	1	3	1	.	2	2	12
EXOGONE ATLANTICA	.	1	.	.	.	.	.	.	.	.	.	1
EXOGONE DISPAR	.	.	.	2	.	.	.	.	.	.	.	2
EXOGONE LONGICIRRUS?	.	.	.	.	.	.	.	.	.	.	.	.
EXOGONE SP.	.	.	.	.	.	.	.	.	.	.	.	.
EXOGONE SP.B	.	.	.	.	1	1	.	.	.	.	.	2
EXOGONE SP.C	.	.	.	.	.	.	.	.	.	.	.	.
EXOGONE SP.D	.	.	.	.	.	.	.	.	.	.	.	.
EXOGONINAE GENUS A	.	.	.	.	.	.	.	.	.	.	.	.
FABRICIA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
FAUVELIOPSIS SP.B	.	.	1	.	.	2	.	.	.	.	1	4
FLABELLIDERMA SP.	.	.	.	.	.	.	.	.	.	.	.	.
FLABELLIGELLA PAPILLATA	.	.	.	.	.	.	.	.	.	.	.	.
FLABELLIGELLA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
FLABELLIGERIDAE	.	.	.	.	.	.	.	.	.	.	.	.
GLYCERA PAPILLOSA?	.	.	.	1	2	1	3	1	.	.	1	9
GLYCERA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
GLYCERA SP.B	.	.	.	.	.	.	.	.	.	.	.	.
GLYCERA SP.C	.	.	.	.	.	.	.	.	.	.	.	.
GLYCERIDAE	.	.	.	.	.	.	.	.	.	1	.	1
GLYCINDE NORDMANNI	.	.	.	.	.	.	.	.	.	.	.	.
GONIADA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
GONIADA SP.B	.	.	.	.	.	.	.	.	.	.	.	.
GYPTIS BREVIPALPA	2	.	.	.	.	.	.	.	.	.	.	2
GYPTIS SP.A	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise III Stations											
Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
POLYCHAETA (con't)												
GYPTIS SP.B	.	.	.	.	.	.	.	.	.	.	.	.
HAPLOSCOLOPLOS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
HESIONIDAE	.	.	.	.	.	.	.	.	.	.	.	.
HESIOSPINA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
HETEROMASTUS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
HETEROSPIO "SP.A"	.	.	.	.	.	.	.	.	.	.	.	.
HETEROSPIO LONGISSIMA?	.	.	.	.	3	.	.	.	.	.	1	4
HETEROSPIO SP.	.	.	.	.	.	.	.	.	.	.	.	.
HYALINOECIA TUBICOLA	.	.	.	.	.	.	.	.	.	.	.	.
HYBOSCOLEX LONGISETA?	.	.	.	.	.	.	.	.	.	.	.	.
INERMONEPHTYS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
KINBERGONUPHIS SP.A	.	.	.	.	.	.	1	.	.	.	.	1
KINBERGONUPHIS SP.B	.	.	.	1	.	.	.	.	.	.	.	1
LAONICE CIRRATA	.	.	1	.	.	1	.	.	.	.	.	2
LEANIRA HYSTRICUS	1	.	.	.	.	.	.	.	.	.	.	1
LEITOSCOLOPLOS FRAGILIS	.	.	.	.	.	.	.	.	.	.	.	.
LEITOSCOLOPLOS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
LITOCORSA "SP.A"	.	.	3	.	.	.	.	.	.	.	.	3
LUGIA RARICA	.	.	.	.	.	.	.	.	.	.	.	.
LUMBRINERIDAE	.	.	.	.	.	.	.	.	.	.	.	.
LUMBRINERIDES ACUTA?	.	.	.	.	1	.	.	.	.	.	.	1
LUMBRINERIDES DAYI	.	.	.	.	.	.	.	.	.	.	.	.
LUMBRINERIDES SP.A	.	.	.	.	.	.	.	.	.	.	.	.
LUMBRINERIS BREVIPES	.	.	.	1	.	.	.	.	.	.	.	1
LUMBRINERIS CANDIDA	.	.	.	.	.	.	.	.	.	.	.	.
LUMBRINERIS COCCINEA	.	2	.	.	.	.	.	.	.	.	.	2
LUMBRINERIS LATRIELLI	.	.	.	.	.	.	.	.	.	.	.	.
LUMBRINERIS SP.	.	.	.	.	.	1	.	.	.	.	.	1
LUMBRINERIS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
LUMBRINERIS TETRAURA	.	.	.	.	.	.	.	.	.	.	.	.
LUMBRINERIS VERRILLI	.	2	.	1	1	.	.	.	.	.	.	4
MAGELONA FILIFORMIS	.	.	.	.	.	.	.	.	.	.	.	.
MAGELONA LONGICORNIS	.	.	.	.	.	.	.	.	.	.	.	.
MAGELONA SP.A	1	.	.	.	.	.	.	.	.	.	.	1
MAGELONIDAE	.	.	.	.	.	.	.	.	.	.	.	.
MALDANE "SP.A"	1	.	3	.	38	6	52	15	.	.	.	115
MALDANE GLEBIFEX	.	.	.	.	.	.	.	.	.	.	.	.
MALDANE SP.B	.	.	.	.	.	.	.	.	.	.	.	.
MALDANIDAE	.	.	.	.	.	1	1	.	.	.	.	2
MALDANIDAE GENUS A	.	.	.	.	.	.	.	.	.	.	.	.
MALDANIDAE GENUS B	.	.	.	.	.	.	.	.	.	.	.	.
MALDANIDAE GENUS C	.	.	.	.	.	.	.	.	1	.	.	1
MEDIOMASTUS CALIFORNIENSIS	.	.	.	.	.	.	.	.	.	.	.	.
MELINNA CRISTATA	.	3	1	.	.	.	.	.	.	.	.	4
MICROMALDANE SP.	.	.	.	.	.	.	.	.	.	.	.	.
MICRONEPHTHYS MINUTA	3	.	.	.	.	.	.	.	.	.	.	3
MICRORBINIA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
MICROSPIO SP.A	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
POLYCHAETA (con't)												
MOOREONUPHIS PALLIDULA	.	.	.	.	.	.	.	.	.	.	.	.
MYRIOCHELE HEERI?	.	.	.	.	1	2	.	.	.	.	.	3
MYRIOWENIA SP.A	.	.	.	.	.	1	.	.	.	.	1	2
MYSTIDES BOREALIS	.	.	.	.	.	.	.	.	.	.	1	1
NAINERIS SP.	.	.	.	.	.	.	.	.	.	.	.	.
NEOMEDIOMASTUS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
NEPHTYIDAE	.	.	.	.	.	.	.	.	.	.	.	.
NEPHTYS INCISA	.	.	.	.	.	.	.	.	.	.	.	.
NEREIDAE	.	.	.	.	.	.	.	.	.	.	.	.
NEREIMYRA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
NOTHRIA GEOPHILIFORMIS?	.	.	.	.	.	.	.	.	.	.	.	.
NOTHRIA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
NOTHRIA SP.B	.	.	.	.	.	.	.	.	.	.	.	.
NOTOMASTUS AMERICANUS	.	4	.	.	1	.	.	.	.	.	.	5
NOTOMASTUS LATERICEUS	.	.	.	.	.	1	.	.	.	.	1	2
ONUPHIDAE	.	.	.	.	.	.	.	.	.	.	.	.
ONUPHIS "SP.A"	.	.	.	.	.	.	.	.	.	.	.	.
ONUPHIS EREMITA	.	.	.	.	.	.	.	.	.	.	.	.
OPHELIIDAE	1	.	.	.	.	.	.	.	.	.	.	1
OPHELINA SP.	.	.	.	.	.	.	.	.	.	.	.	.
OPHELINA SP.A	.	4	.	.	.	.	1	.	.	.	.	5
OPHELINA SP.B	.	.	.	.	.	.	.	.	.	.	.	.
OPHELINA SP.C	.	.	.	.	.	1	.	.	.	.	.	1
OPHELINA SP.D	.	.	.	1	.	1	.	.	.	.	.	2
OPHELINA SP.E	.	.	.	.	.	.	.	.	.	.	.	.
OPHELINA SP.F	.	.	.	.	.	1	.	.	.	.	.	1
OPHELINA SP.G	.	.	.	.	.	.	.	.	.	.	.	.
OPHIOGLYCERA SP.	.	.	.	.	.	.	.	.	.	.	.	.
OPHRYOTROCHA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
ORBINIIDAE	.	.	.	.	.	.	.	.	.	.	1	1
PALEANOTUS "SP.A"	.	.	.	.	.	.	.	.	.	.	.	.
PALMYRA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
PARADONEIS LYRA	.	.	.	.	.	.	.	.	.	.	.	.
PARAHETEROMASTIDES SP.A	.	.	.	.	.	.	.	.	.	.	.	.
PARALACYDONIA PARADOXA	.	.	.	.	6	.	.	.	.	.	.	6
PARALEIOCAPITELLA MOSSAMBICA	.	.	.	.	.	.	.	.	.	.	.	.
PARAMARPHYSA SP.	.	.	.	.	.	.	.	.	.	.	.	.
PARAMPHINOME PULCHELLA	.	.	1	1	.	.	.	.	.	.	.	2
PARANDALIA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
PARAONIDAE	.	.	.	.	.	.	.	.	.	.	1	1
PARAONIS CORNATUS	.	.	.	.	.	.	.	.	.	1	.	1
PARAONIS GRACILIS	2	6	.	1	.	.	.	.	1	.	1	11
PARAPIONOSYLLIS SP.B	.	.	.	.	.	.	.	.	.	.	.	.
PARONUPHIS ABYSSORUM?	.	.	.	.	.	.	.	.	.	.	.	.
PARONUPHIS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
PARONUPHIS SP.B	.	.	.	.	.	1	.	.	.	.	.	1
PERESIELLA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
PHALACROSTEMMA SP.A	.	.	.	.	.	1	.	.	.	.	.	1
PHERUSA SP.	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
POLYCHAETA (con't)												
PHOLOE "SP.C"	.	.	.	2	.	.	.	.	.	.	.	2
PHOLOE MINUTA?	.	1	.	.	1	.	.	.	.	.	.	2
PHYLLODOCE CASTANEA?	.	.	.	.	.	.	.	.	.	.	.	.
PHYLLODOCIDAE	.	.	.	1	.	.	.	.	1	.	.	2
PHYLLODOCIDAE GENUS A	.	.	.	.	.	.	.	.	.	.	.	.
PHYLO NUDUS	.	.	.	.	.	.	.	.	.	.	.	.
PILARGIDAE	.	.	.	.	.	.	.	.	.	.	.	.
PIONOSYLLIS "SP.B"	.	.	.	.	.	.	.	.	.	.	.	.
PIONOSYLLIS SP.	.	.	2	.	.	.	.	.	.	.	.	2
PIONOSYLLIS SP.A	.	.	.	.	.	1	.	.	.	.	.	1
PIROMIS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
PODARKE "SP.A"	.	.	.	.	.	.	.	.	.	.	.	.
PODARKE AGILIS	.	2	.	.	.	.	.	.	.	.	.	2
PODARKEOPSIS SP.A	1	.	.	.	.	.	.	.	.	.	.	1
POECILOCHAETUS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
POECILOCHAETUS SP.B	.	.	.	1	.	.	.	.	.	.	.	1
POLYCHAETA	.	.	.	.	.	.	.	.	.	.	.	.
POLYNOIDAE "GENUS A"	.	.	.	.	.	.	.	.	.	.	.	.
POTAMILLA RENIFORMIS?	.	.	.	.	.	.	.	.	.	.	.	.
PRIONOSPIO (MINOSPIO) "SP.A"	.	.	.	.	.	.	.	.	.	.	.	.
PRIONOSPIO CIRRIFERA	1	.	.	4	.	.	.	1	.	.	.	6
PRIONOSPIO CIRROBRANCHIATA	.	.	.	.	.	.	.	.	.	.	.	.
PRIONOSPIO EHLERSI	4	20	1	1	.	.	.	.	.	.	.	26
PRIONOSPIO SP.	.	.	2	.	.	.	.	.	.	.	.	2
PRIONOSPIO SP.A	.	.	.	.	.	.	.	.	.	.	.	.
PRIONOSPIO SP.B	.	.	.	.	.	.	.	.	.	.	.	.
PRIONOSPIO SP.C	.	.	.	.	.	.	.	.	.	.	.	.
PRIONOSPIO SP.D	.	.	.	.	.	.	.	.	.	.	.	.
PRIONOSPIO STEENSTRUPI	2	.	.	.	.	.	.	.	.	.	.	2
PROCLEA SP.	.	.	1	.	.	.	.	.	.	.	.	1
PROGONIADA REGULARIS	.	.	.	.	.	.	.	.	.	.	.	.
PROTOMYSTIDES BIDENTATA	.	.	.	.	1	.	.	.	.	.	.	1
PSEUDOMALACOCEROS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
PSUEDOMALACOCEROS SP.B	.	.	.	.	.	.	.	.	.	.	.	.
RHODINE SP.A	.	.	.	.	.	.	.	.	.	.	.	.
RHODINE SP.B	.	.	.	.	.	.	.	.	.	.	.	.
SABELLIDAE	.	.	.	.	.	.	.	.	.	.	.	.
?SABELLIDES SP.A	.	.	.	.	.	.	.	.	.	.	.	.
SARSONUPHIS HARTMANAE	.	3	1	1	.	2	.	2	.	.	.	9
SCHISTOMERINGOS RUDOLPHI	.	.	.	.	.	.	.	.	.	.	.	.
SCOLOLEPIS TEXANA	.	.	.	.	.	.	.	.	.	.	.	.
SCOLOPLOS RUBRA	.	.	.	.	.	.	.	1	.	.	.	1
SCOLOPLOS SP.	.	.	.	.	.	.	.	.	.	1	.	1
SCOLOPLOS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
SIGALIONIDAE	.	.	.	.	.	.	.	.	.	.	.	.
SIGAMBRA BASSI	.	.	.	.	.	.	.	.	.	.	.	.
SIGAMBRA TENTACULATA	.	1	.	.	.	.	1	.	.	.	.	2
SPHAEREPHESIA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
SPHAERODOROPSIS "SP.A"	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5 (Con't)

Cruise III Stations

Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
POLYCHAETA (con't)												
SPHAEROSYLLIS ACICULA?	.	.	1	.	.	.	.	.	.	.	.	1
SPHAEROSYLLIS GLANDULATA	.	.	.	.	.	.	1	.	.	.	.	1
SPHAEROSYLLIS HYSTRIX	.	.	.	.	.	.	.	.	.	.	.	.
SPHAEROSYLLIS MAGNIDENTATA	.	.	.	.	.	.	1	.	.	.	.	1
SPHAEROSYLLIS PIRIFEROPSIS	.	.	.	.	.	1	.	.	.	.	.	1
SPHAEROSYLLIS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
SPIOCHAETOPTERUS COSTARUM	.	.	.	.	1	.	.	.	.	.	.	1
SPIONIDAE	13	9	.	2	1	3	1	.	.	.	2	31
SPIONIDAE GENUS A	.	.	.	.	.	.	.	.	.	.	.	.
SPIONIDAE GENUS B	.	.	.	.	.	.	.	.	.	.	.	.
SPIOPHANES BERKELEYORUM	2	7	1	.	.	.	1	.	.	.	.	11
SPIOPHANES BOMBYX	.	.	1	2	1	1	.	.	.	.	.	5
SPIOPHANES KROYERI	.	.	.	.	.	.	.	.	.	.	.	.
SPIOPHANES MISSIONENSIS	.	.	.	.	.	.	.	.	2	1	.	3
SPIOPHANES SP.A	.	.	.	.	.	.	.	.	.	.	.	.
SPIOPHANES SP.B	.	.	.	.	.	.	.	.	.	.	.	.
SPIOPHANES SP.C	.	.	.	.	.	.	.	.	.	.	.	.
SPIOPHANES WIGLEYI	.	.	.	.	.	.	.	.	.	.	.	.
STERNASPIS SCUTATA	.	.	.	.	.	.	.	.	.	.	.	.
STHENELAIS SP.A	.	.	.	.	4	.	2	.	.	.	.	6
STHENOLEPIS SP.A	.	.	.	.	.	.	.	.	.	.	.	.
STREBLOSOMA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
STREBLOSOMA SP.B	.	.	.	.	.	.	.	.	.	.	.	.
SYLLIDAE	.	.	.	1	.	1	.	.	1	.	3	6
SYLLIDAE GENUS B	.	.	.	.	.	.	.	.	.	.	.	.
SYLLIDAE GENUS C	.	.	.	.	.	.	.	.	.	.	.	.
SYLLIS (EHLERSIA) CORNUTA	.	.	.	.	.	.	.	.	.	.	.	.
SYLLIS (EHLERSIA) FERRUGINA	.	.	1	.	.	.	3	.	.	.	.	4
SYLLIS (EHLERSIA) SP.A	.	.	.	.	.	.	.	.	.	.	.	.
SYLLIS (EHLERSIA) SP.B	.	.	1	.	.	.	.	.	.	.	.	1
SYLLIS (TYPOSYLLIS) GERLACHI?	.	.	.	.	.	.	.	.	.	.	.	.
SYNELMIS KLATTI	.	.	.	.	.	.	.	.	.	.	.	.
TACHYTRYPANE JEFFREYSII	.	.	.	.	.	.	.	.	.	.	.	.
TACHYTRYPANE SP.A	.	1	.	.	.	.	.	.	.	1	.	2
TACHYTRYPANE SP.B	.	.	.	.	.	.	.	.	.	.	.	.
TACHYTRYPANE SP.C	2	3	.	.	.	.	.	.	.	.	.	5
TEREBELLIDAE	.	.	1	.	1	.	.	.	.	.	.	2
TEREBELLIDES STROEMI	1	1	5	4	2	.	.	.	.	1	.	14
THARYX ANNULOSUS?	1	.	.	.	.	.	.	.	.	.	.	1
THARYX MARIONI	.	4	1	3	.	1	.	.	.	.	7	16
THARYX SP.A	.	.	.	.	.	.	.	.	.	.	.	.
THEROCHAETA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
TRAVISIA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
TRICHOBRANCHUS GLACIALIS	.	2	.	.	.	.	.	.	.	.	.	2
TROCHOCHAETA SP.A	.	1	.	.	.	.	.	.	.	.	.	1
	72	119	37	40	74	46	78	23	7	12	35	543

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Table C-5 (Con't)

	Cruise III Stations											
Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
OLIGOCHAETA												
OLIGOCHAETA	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	.	.	.	.	.	.	.	.	.
GASTROPODA												
ACTEONIDAE	.	.	.	.	.	.	1	.	.	.	.	1
ALVANIA XANTHIAS	.	.	.	.	.	.	.	.	.	.	.	.
BENTHOMANGELIA SP.	.	.	1	.	.	1	.	.	.	.	.	2
BENTHONELLA FISCHERI	.	.	.	.	.	.	.	.	.	.	.	.
BROOKULA SP.	.	.	.	.	.	1	.	.	.	.	.	1
CHIMA SP.	.	.	.	.	.	.	.	.	.	.	.	.
CHRYSALLIDA SP.	.	.	.	.	.	.	.	.	.	.	.	.
CIMA SP.	.	.	.	.	.	.	1	.	.	.	.	1
CINGULA SP.	.	.	.	.	.	.	.	.	.	.	.	.
CORINNAETURRIS SP.	.	.	.	.	.	.	.	.	.	.	.	.
CRENILABIUM SP.	.	.	.	.	.	.	.	.	.	.	.	.
ECCLISEOGYRA PERFORMOSA	.	.	.	.	1	.	.	.	.	.	.	1
EULIMA SP.	.	.	.	.	.	.	.	.	.	.	.	.
EULIMIDAE	.	.	.	.	1	.	.	.	.	.	.	1
GASTROPODA	.	.	1	.	6	.	1	.	.	.	.	8
LISSOSPIRA SP.	.	.	.	.	.	.	.	.	.	.	.	.
MANGELIINAE	.	.	.	.	.	.	.	.	.	.	.	.
MELANELLA SP.	.	.	.	.	.	.	.	1	.	.	.	1
PHILENE SP.	.	.	.	.	.	1	.	.	.	.	.	1
PYRUNCULUS OVATUS	1	.	.	.	.	.	.	.	.	.	.	1
RISSOIDAE	.	1	.	.	1	.	.	.	.	.	.	2
SCAPHANDER SP.	1	.	.	.	.	.	.	.	.	.	.	1
SCAPHANDER WATSONI	.	.	.	.	.	.	.	.	.	.	.	.
SEGUENZIA SP.	.	.	.	.	.	.	.	.	.	.	.	.
SKEINIDAE	.	.	.	.	.	1	.	1	.	.	.	2
TARANIS MALMI	.	.	.	.	.	.	.	.	.	.	.	.
TORNUS EXQUISITUS	.	.	.	.	.	.	.	.	.	.	.	.
	2	1	2	.	9	4	3	2	.	.	.	23
BIVALVIA												
?ASTARTE SP.	.	.	.	.	1	1	.	.	.	.	.	2
ASTARTE SP.A	.	.	.	2	.	1	3	3	.	.	.	9
BATHYARCA SP.A	.	.	.	.	.	1	4	.	.	.	.	5
BIVALVIA	3	3	1	5	17	11	13	2	3	2	1	61
CARDIOMYA SP.A	.	.	1	.	.	.	.	.	.	.	.	1
CARDIOMYA SP.B	.	.	.	.	.	1	.	.	1	.	.	2
CRENELLA SP.A	.	.	.	12	7	10	5	8	.	.	.	42
?CUSPIDARIA SP.	.	.	1	.	.	1	.	.	1	.	2	5
CYCLOPECTEN SP.A	.	.	.	.	.	.	.	1	.	.	.	1
DACRYDIUM VITREUM	.	1	8	6	1	2	.	.	1	.	.	19
EULAMELLIBRANCH SP.	1	1	5	.	1	.	1	7	.	.	.	16
EULAMELLIBRANCH SP.A	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
BIVALVIA (con't)												
EULAMELLIBRANCH SP.B	.	1	.	3	10	3	8	3	.	25	5	58
EULAMELLIBRANCH SP.C	.	.	.	.	.	.	.	.	.	.	.	.
EULAMELLIBRANCH SP.D	.	.	.	.	.	.	.	.	.	.	.	.
EULAMELLIBRANCH SP.E	.	.	.	.	.	.	.	.	.	.	.	.
EULAMELLIBRANCH SP.F	2	15	3	.	.	.	.	.	.	.	.	20
LIMA SP.	.	.	1	.	.	.	.	.	.	1	.	2
LIMOPSIS SP.	.	.	.	.	.	1	3	3	.	.	.	7
?LUCINA SP.	5	4	.	1	.	.	.	.	.	.	.	10
MACRODON (BENTHARCA) ASPERULA	.	.	.	.	.	.	2	1	.	.	.	3
MALLETIA SP.A	.	.	.	1	.	.	.	.	3	15	15	34
MALLETIA SP.B	4	.	2	2	16	5	.	.	.	.	.	29
NUCULA CALLICREDEMNA	1	.	.	.	.	.	.	.	.	.	.	1
NUCULA SP.A	.	3	4	2	4	5	5	4	.	.	.	27
NUCULA SP.B	.	.	.	.	.	.	1	.	2	.	.	3
NUCULANIDAE	.	.	.	.	.	.	.	.	.	.	.	.
NUCULANIDAE (NUCULANA?) SP.D	3	1	.	.	.	.	.	.	.	.	.	4
NUCULANIDAE (THESTYLEDA?) SP.I	1	.	.	.	.	.	.	.	.	.	.	1
NUCULANIDAE (TINDARIA?) SP.E	1	2	6	.	.	.	.	.	.	.	.	9
NUCULANIDAE (TINDARIA?) SP.G	.	.	.	2	6	.	.	.	.	.	.	8
NUCULANIDAE SP.B	.	.	.	.	1	3	7	1	3	4	1	20
NUCULANIDAE SP.C	.	.	.	.	.	.	.	.	.	.	.	.
NUCULANIDAE SP.F	.	.	.	.	.	.	.	.	.	2	1	3
NUCULANIDAE SP.H	.	.	.	.	2	3	.	.	1	.	.	6
NUCULANIDAE SP.J	.	.	.	.	.	.	.	.	.	1	.	1
NUCULANIDAE SP.K	.	.	.	.	.	4	1	.	.	.	.	5
NUCULANIDAE SP.L	.	.	.	.	.	.	1	.	.	.	.	1
?PECTEN SP.	.	.	.	.	1	1	1	.	.	.	.	3
POLICORDIA SP.A	.	.	.	.	.	.	.	1	1	.	.	2
PRISTOGLOMA NITENS	.	.	.	.	.	.	.	.	2	.	1	3
PRONUCULA SP.A	.	.	.	.	1	5	2	.	9	.	.	17
PROTOBRANCHIA	.	.	.	.	.	.	.	.	.	.	.	.
TELLINA SP.A	11	.	.	.	.	.	.	.	.	.	.	11
TELLINA SP.B	.	.	.	2	1	.	4	.	.	.	.	7
THYASIRA SP.A	.	.	.	.	.	.	.	.	.	5	.	5
THYASIRA SP.B	.	.	.	.	33	.	.	.	.	.	.	33
?VESICOMYA SP.	.	.	10	24	11	.	12	3	.	.	.	60
YOLDIELLA SP.A	.	.	.	.	.	4	23	24	.	.	.	51
	32	31	42	62	113	62	96	61	27	55	26	607
SCAPHAPODA												
CADULUS SP.	.	.	.	1	.	.	.	.	.	.	.	1
DENTALIIDAE	.	.	.	.	.	.	.	.	.	.	.	.
DENTALIUM CALLITHRIX	.	.	.	.	.	.	1	.	.	.	.	1
DENTALIUM DIDYMUM	.	.	.	.	.	.	.	.	.	.	.	.
DENTALIUM PERLONGUM	.	1	.	.	.	1	1	.	.	.	.	3
EPISIPHON SP.	.	.	.	.	.	.	.	.	.	.	.	.
HETEROSCHIZMOIDES CALLITHRIX	.	.	.	.	.	.	.	.	.	.	.	.
PULSELLUM PRESSUM	.	.	.	.	.	.	1	.	.	.	.	1

Table C-5 (Con't)

Cruise III Stations

Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
SCAPHAPODA (con't)												
SCAPHOPODA	.	.	.	1	8	3	3	9	.	.	1	25
SIPHONODENTALIIDAE	.	.	.	4	.	1	.	.	8	9	.	22
	.	1	.	6	8	5	6	9	8	9	1	53
OSTRACODA												
ANGULOROSTRUM SP.A	.	.	.	3	7	6	4	5	.	.	.	25
CYLINDROLEBERIDINAE	.	.	1	1	1	.	.	.	.	.	.	3
EUPHILOMEDES SP.A	.	1	67	.	.	.	.	.	.	.	.	68
HARBANSUS SP.	.	1	2	.	.	.	.	.	.	.	.	3
HARBANSUS SP.A	.	2	.	1	15	4	.	.	.	.	.	22
HARBANSUS SP.B	.	.	.	.	.	.	.	.	.	.	.	.
HARBANSUS SP.C	.	.	.	.	.	.	.	.	.	.	.	.
IGENE SP.A	.	.	.	.	1	.	.	.	.	2	.	3
PHILOMEDES SP.A	.	.	5	.	.	.	.	.	.	.	.	5
PODOCOPA	8	7	24	64	88	98	68	43	6	70	22	498
PSEUDOPHILOMEDES SP.A	.	.	.	.	.	.	.	.	.	.	.	.
PTEROCYPRIDINA SEX	.	.	.	1	.	.	.	.	.	.	.	1
SCLERANER SP.A	.	1	.	.	.	.	.	.	.	.	.	1
SCLEROCONCHA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
SPINACOPIA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
	8	12	99	70	112	108	72	48	6	72	22	629
CUMACEA												
APOCUMA N.SP.I	.	.	.	.	1	1	.	.	.	.	.	2
BATHYCUMA NATALENSE?	.	.	.	.	.	1	.	.	.	.	.	1
CAMPYLASPIS ALBA	.	.	.	.	.	.	.	.	.	.	.	.
CAMPYLASPIS BICARINATA	.	.	1	.	.	.	.	.	.	.	.	1
CAMPYLASPIS COGNATA	.	.	.	.	.	.	2	.	.	.	.	2
CAMPYLASPIS N. SP. (CF. PLICATA)	.	.	.	.	.	1	.	.	.	.	.	1
CAMPYLASPIS PILOSA	.	.	.	.	.	.	.	.	.	.	.	.
CAMPYLASPIS SP.	.	.	.	.	.	.	.	.	.	.	.	.
CAMPYLASPIS SPINOSA	.	.	.	.	1	.	.	.	.	.	.	1
CHALAROSTYLIS N. SP.E	.	.	.	.	.	.	.	.	.	.	.	.
CUMELLA ACULEATA	.	.	.	.	.	1	.	.	.	.	.	1
CUMELLA ACUMINATA	.	.	.	.	.	.	.	.	.	.	.	.
CUMELLA ANGUSTATA	.	.	.	.	1	.	.	.	.	.	.	1
CUMELLA ANTIPAI	.	.	.	.	.	.	.	.	.	.	.	.
CUMELLA BISHOPI	.	.	.	.	.	2	.	1	.	.	.	3
CUMELLA COMPACTA?	.	.	.	.	8	1	.	.	.	.	.	9
CUMELLA DAYAE	.	.	2	.	.	.	.	.	.	.	.	2
CUMELLA DECIPIENS	.	.	.	.	.	.	.	.	.	.	.	.
CUMELLA ERECTA	.	.	.	1	2	.	.	.	.	.	.	3
CUMELLA SP.	.	.	.	.	.	.	.	.	.	.	.	.
CUMELLOPSIS BICOSTATA	.	.	.	.	.	.	1	.	.	.	.	1
CUMELLOPSIS LAEVIS	.	.	.	.	1	.	.	.	.	.	.	1
CYCLASPIS LONGICAUDATA	.	.	.	.	.	.	.	.	.	.	.	.
CYCLASPOIDES SARSI	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise III Stations											
Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
CUMACEA (con't)												
DIASTYLIS N.SP.H	.	.	1	.	.	.	.	.	.	.	.	1
EPILEUCON SP.	.	.	.	.	.	.	.	.	.	1	.	1
EPILEUCON TENUIROSTRIS?	.	.	.	.	1	.	3	1	.	.	.	5
EUDORELLA HISPIDA	.	.	.	.	.	.	.	.	.	.	.	.
EUDORELLA N. SP.C	4	.	.	.	.	.	1	.	.	.	.	5
EUDORELLA SP.	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOSTYLIS MANCOIDES	.	.	.	.	.	1	.	.	.	.	.	1
LEPTOSTYLUS MACRURA	.	.	1	.	.	.	1	.	.	.	.	2
LEPTOSTYLUS N. SP.D	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOSTYLUS SP.	.	.	.	.	.	.	.	.	.	.	.	.
LEUCON MACRORHINUS?	.	.	.	.	.	.	.	.	.	.	.	.
LEUCON N. SP. (CF. MACRORHINUS)	.	.	.	2	.	.	.	.	.	.	.	2
LEUCON SERRATUS?	.	.	.	.	1	.	.	.	.	.	.	1
LEUCON SP.	.	.	.	.	.	.	.	.	.	.	.	.
LEUCON TENER?	.	.	.	.	.	.	1	.	.	.	3	4
LEUCON TENER	.	.	.	.	.	.	.	.	.	.	.	.
LEUCON TURGIDULUS	.	.	.	.	.	.	.	.	.	.	1	1
MACROKYLINDRUS N. SP. CF. CINGULATUS	.	.	.	.	.	.	.	.	.	.	.	.
MACROKYLINDRUS N. SP. CF. LOMAKINAE	.	.	.	.	.	.	.	.	.	.	.	.
MACROKYLINDRUS SP.	.	.	1	.	.	.	.	.	.	.	.	1
MESOLAMPROPS N. SP.B	.	.	.	.	.	.	.	.	.	.	.	.
MURILAMPROPS BRASILIENSIS	.	.	.	.	.	.	.	.	.	1	1	2
PARALAMPROPS N. SP.F	.	.	.	.	.	.	.	.	.	.	.	.
PETALOSARSIA LONGIROSTRIS	.	.	.	.	.	.	1	.	.	.	.	1
PLATYCUMA CANDIDA	.	.	.	.	.	.	1	.	.	.	.	1
PROCAMPYLASPUS ACANTHOMMA	1	.	.	.	5	.	.	.	.	.	.	6
PROCAMPYLASPUS OMMIDION	.	.	.	.	.	.	.	.	.	.	.	.
PROCAMPYLASPUS SP.	.	.	.	.	.	.	.	.	.	.	.	.
VAUNTHOMPSONIINAE N. SP.	.	.	.	.	.	.	.	.	.	.	.	.
VEMAKYLINDRUS COSTARICANUS	.	.	.	.	.	.	.	.	.	.	.	.
VEMAKYLINDRUS N.SP. (CF. COSTARICANUS	.	.	.	2	.	.	.	.	.	.	.	2
	5	.	6	5	21	8	11	2	.	2	5	65
TANAIDACEA												
AGATHOTANAIS SP.1	.	.	.	.	15	1	.	.	3	.	.	19
ANARTHRURA SP.4	.	.	.	.	.	.	.	.	.	.	.	.
ANARTHRURIDAE SP.1	.	.	.	.	.	.	.	.	.	.	.	.
ANARTHRURIDAE SP.2	.	.	.	1	.	1	.	2	.	.	.	4
ANARTHRURIDAE SP.3	.	.	.	.	4	.	.	.	.	.	.	4
ANARTHRURIDAE SP.4	.	.	.	.	9	2	1	1	.	.	.	13
APSEUDES SP.1	.	.	.	.	.	1	1	.	.	.	.	2
APSEUDES SP.2	1	1	.	.	.	.	1	.	.	.	.	3
APSEUDES SP.3	.	.	.	.	.	.	.	.	.	.	.	.
APSEUDES SP.4	.	.	.	.	.	.	.	.	.	.	.	.
APSEUDES SP.5	.	.	1	.	.	.	.	.	.	.	.	1
APSEUDES SP.6	.	.	.	17	.	.	.	.	.	.	.	17
APSEUDES SP.7	.	.	.	.	.	1	1	.	.	.	.	2
APSEUDIDAE	.	.	.	.	1	.	.	.	.	.	.	1

Table C-5 (Con't)

Taxa	Cruise III Stations C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
TANAIDACEA (con't)												
APSEUDIDAE SP.1	.	.	6	.	.	.	.	1	.	.	.	7
APSEUDIDAE SP.2	.	.	.	.	.	.	.	.	.	.	.	.
APSEUDIDAE SP.3 (GENUS C)	.	.	.	.	.	1	.	1	.	.	.	2
APSEUDIDAE SP.4	.	.	1	.	.	.	.	.	.	.	.	1
LEPTOGNATHIA SP.	.	.	1	1	10	1	3	1	.	.	.	17
LEPTOGNATHIA SP.1	.	.	.	.	2	.	.	.	.	1	.	3
LEPTOGNATHIA SP.10	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.11	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.14	.	2	.	.	8	.	.	.	.	.	.	10
LEPTOGNATHIA SP.15	.	.	2	6	6	4	.	2	.	1	.	21
LEPTOGNATHIA SP.17	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.2	1	.	.	.	.	.	.	.	.	1	.	2
LEPTOGNATHIA SP.20	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.22	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.23	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.24	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.26	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.27	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.28	.	.	.	.	.	.	.	.	.	3	.	3
LEPTOGNATHIA SP.29	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.3	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.30	.	.	.	.	1	.	.	1	.	.	.	2
LEPTOGNATHIA SP.31	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.32	.	1	.	.	4	.	.	.	.	.	.	5
LEPTOGNATHIA SP.33	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.34	.	.	.	.	.	1	.	.	.	.	.	1
LEPTOGNATHIA SP.35	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.37	.	.	.	6	.	.	.	.	.	1	.	7
LEPTOGNATHIA SP.38	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.39	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.4	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.41	.	.	.	.	1	.	5	1	.	.	.	7
LEPTOGNATHIA SP.42	.	.	.	.	1	.	1	.	.	.	.	2
LEPTOGNATHIA SP.43	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.45	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.46	.	.	.	.	.	.	.	1	.	1	.	2
LEPTOGNATHIA SP.47	.	.	.	.	.	.	1	.	.	3	.	4
LEPTOGNATHIA SP.48	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.49	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.5	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.51	1	.	1	1	3	8	.	.	.	.	.	14
LEPTOGNATHIA SP.52	.	.	.	.	.	.	1	.	.	.	.	1
LEPTOGNATHIA SP.53	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.54	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.55	.	.	.	.	5	.	1	2	.	.	.	8
LEPTOGNATHIA SP.56	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.57	.	.	.	.	37	.	.	.	.	.	.	37
LEPTOGNATHIA SP.58	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.59	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5 (Con't)

Cruise III Stations

Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
TANAIDACEA (con't)												
LEPTOGNATHIA SP.6	.	.	1	1	6	.	.	.	.	.	.	8
LEPTOGNATHIA SP.60	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.61	.	.	.	.	.	.	.	.	1	.	.	1
LEPTOGNATHIA SP.62	.	.	.	.	.	.	.	1	2	.	.	3
LEPTOGNATHIA SP.63	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.64	.	.	.	.	.	.	1	.	.	.	2	3
LEPTOGNATHIA SP.65	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.66	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.67	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.68	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.69	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.7	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.70	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.71	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.72	.	.	.	.	1	.	.	.	.	.	.	1
LEPTOGNATHIA SP.73	.	.	.	1	2	1	.	.	.	.	.	4
LEPTOGNATHIA SP.74	.	3	.	.	.	.	.	.	.	.	.	3
LEPTOGNATHIA SP.75	2	.	.	.	.	1	.	.	.	.	.	3
LEPTOGNATHIA SP.76	.	.	.	1	.	.	.	.	.	.	.	1
LEPTOGNATHIA SP.77	.	.	.	.	.	1	1	1	.	.	.	3
LEPTOGNATHIA SP.78	.	.	.	.	.	1	.	.	.	.	.	1
LEPTOGNATHIA SP.79	.	.	.	.	.	.	.	.	.	2	.	2
LEPTOGNATHIA SP.8	.	.	5	.	.	.	.	.	.	.	.	5
LEPTOGNATHIA SP.80	.	.	.	.	.	.	.	.	.	1	.	1
LEPTOGNATHIA SP.81	.	.	.	.	.	.	.	.	1	.	.	1
LEPTOGNATHIA SP.A MALE	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.B MALE	.	.	.	.	.	.	1	.	.	.	.	1
LEPTOGNATHIA SP.C MALE	.	.	.	1	.	1	.	.	.	.	.	2
LEPTOGNATHIA SP.D MALE	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.E MALE	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.F MALE	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.G MALE	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.H MALE	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.I MALE	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIA SP.J MALE	.	.	.	.	1	.	.	.	.	.	.	1
LEPTOGNATHIA SP.K MALE	.	.	.	1	.	.	.	.	.	.	.	1
LEPTOGNATHIA SP.L MALE	.	.	.	.	.	.	.	.	1	.	.	1
LEPTOGNATHIA SP.M MALE	.	.	.	.	.	.	.	.	.	.	1	1
LEPTOGNATHIA SP.N. MALE	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIIDAE	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOGNATHIIDAE GENUS B	.	.	.	.	1	.	.	.	.	.	.	1
NEOTANAIS SP.1	.	.	4	.	1	.	1	.	.	.	.	6
PARANARTHRURA INSIGNIS?	.	.	1	1	.	.	2	.	.	.	.	4
PARANARTHRURA SP.	.	.	.	.	.	.	.	.	.	.	.	.
PARANARTHRURA SP.1	.	.	.	.	.	1	2	.	.	.	.	3
PARANARTHRURA SP.2	.	.	.	.	.	.	.	1	.	.	.	1
PARANARTHRURA SP.3	.	.	.	.	.	.	.	.	.	.	.	.
PARANARTHRURA SP.4	.	.	.	.	2	.	.	.	1	.	.	3
PARANARTHRURA SP.5	.	.	1	.	6	.	.	.	.	.	.	7

Table C-5 (Con't)

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
TANAIDACEA (con't)												
PARATANAIDAE SP.1	.	1	1	.	.	.	.	.	.	.	.	2
PARATANAIDAE SP.2	.	.	6	8	2	2	4	1	.	.	.	23
PSEUDOTANAIDAE	.	.	.	.	1	.	.	.	.	.	.	1
PSEUDOTANAIDAE GENUS A (N.SP,N.GEN)	.	.	.	.	.	.	.	.	.	.	.	.
PSEUDOTANAIDAE SP.A MALE	.	.	.	.	.	.	.	.	.	.	.	.
PSEUDOTANAIS SP.	.	.	.	.	.	.	.	.	.	.	.	.
PSEUDOTANAIS SP.1	.	5	1	3	1	3	3	2	.	1	3	22
PSEUDOTANAIS SP.2	.	.	.	.	.	.	.	1	.	.	.	1
PSEUDOTANAIS SP.3	.	.	.	.	.	.	.	.	.	.	.	.
PSEUDOTANAIS SP.4	.	.	.	.	.	.	.	.	.	.	.	.
SPHYRAPHUS SP.1	.	.	.	.	.	.	.	1	.	.	.	1
SPHYRAPHUS SP.2	.	.	.	.	1	.	1	.	.	.	.	2
STROGYLURA SP.1	.	.	.	.	3	.	.	1	.	.	2	6
STROGYLURA SP.2	.	.	.	.	3	2	1	3	.	.	.	9
TANAELLA SP.1	.	.	2	.	5	8	1	2	.	1	1	20
TANAELLA SP.2	.	.	.	.	.	.	.	.	.	.	.	.
TANAIDACEA	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.	.	.	.	1	.	.	1	1	.	.	.	3
TYPHLOTANAIS SP.1	.	.	.	4	.	11	3	2	.	1	.	21
TYPHLOTANAIS SP.10	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.11	.	.	.	.	.	.	.	1	.	.	.	1
TYPHLOTANAIS SP.12	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.13	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.14	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.15	.	.	.	.	.	.	.	.	.	.	1	1
TYPHLOTANAIS SP.16	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.17	.	.	.	.	.	1	.	.	.	.	.	1
TYPHLOTANAIS SP.2	3	.	.	.	.	.	.	.	.	.	.	3
TYPHLOTANAIS SP.3	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.4	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.5	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.6	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.7	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.8	.	.	.	.	.	.	.	.	.	.	.	.
TYPHLOTANAIS SP.9	.	.	.	.	.	.	.	.	.	.	.	.
	8	13	34	54	143	54	38	31	9	17	10	411
ISOPODA												
ACANTHOCOPE SP.231	.	.	.	1	2	.	4	1	.	.	.	8
ANTHOCOPE SP.295	.	.	.	.	.	.	2	.	.	.	.	2
ANTHURIDAE (SP.259)	.	.	1	.	1	.	.	.	.	.	.	2
BALBIDOCOLON SP.267	.	.	.	.	1	.	2	.	.	.	.	3
BELONECTES SP.220	.	.	.	.	.	.	.	.	.	.	.	.
BETAMORPHA SP.292	.	.	.	.	.	.	.	.	.	1	.	1
CHELATOR SP.212	.	1	.	1	2	.	.	.	.	.	1	5
CHELATOR SP.237	.	.	.	.	4	2	3	4	1	1	.	15
CHELATOR SP.251	.	.	.	.	.	1	3	.	.	.	.	4
CHELATOR SP.284	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
ISOPODA (con't)												
CIROLANA SP.282	.	.	.	.	.	.	.	.	.	.	.	.
CONILERA SP.214	.	.	.	.	.	.	.	.	.	.	.	.
CRYPTONISCIDAE SP.257	.	.	.	.	.	.	.	.	.	.	.	.
CYATHURA SP.263	.	.	1	.	.	.	.	.	.	.	.	1
DENDROMUNNA SP.249	.	.	.	.	.	.	.	.	.	.	.	.
DENDROTION SP.246	.	.	.	.	.	.	1	.	.	.	.	1
DESMOSOMA SP.248	.	.	.	.	.	.	.	.	.	.	.	.
DESMOSOMA SP.260	.	2	.	.	.	.	.	2	.	.	.	4
DESMOSOMATIDAE	.	.	.	.	.	.	.	.	.	.	.	.
DISCONECTES SP.262	.	.	.	.	1	.	.	.	.	.	.	1
DISCONECTES SP.272	.	.	.	.	.	.	.	.	.	.	.	.
DISPARELLA SP.274	.	.	.	.	.	.	1	.	.	.	.	1
ECHINOPLEURA SP.291	.	.	.	.	.	.	1	1	.	.	.	2
EUGERDA SP.	.	.	.	.	.	.	.	.	.	.	.	.
EUGERDA SP.215	.	.	.	.	2	2	5	2	.	.	1	12
EUGERDA SP.236	.	.	1	.	.	1	.	.	.	.	.	2
EUGERDA SP.289	3	.	.	.	.	.	.	.	.	.	.	3
EUGERDELLA SP.229	.	.	.	2	1	.	.	.	.	.	.	3
EUGERDELLA SP.241	.	.	.	.	2	.	.	1	.	.	.	3
EURYCOPE SP.	.	.	.	.	.	.	.	.	.	.	.	.
EURYCOPE SP.277	.	.	.	.	.	.	.	.	.	.	.	.
EURYCOPE SP.283	.	.	.	.	.	.	.	.	.	.	.	.
EURYCOPIDAE	.	.	.	.	.	.	.	.	.	.	.	.
EURYCOPIDAE N. GEN. B (SP.271)	.	.	.	.	.	2	.	.	.	.	.	2
EURYCOPIDAE N. GEN. X2 (SP.258)	.	.	.	.	.	.	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS G	.	.	.	.	.	.	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS H	.	.	.	.	.	.	.	.	.	.	.	.
EURYCOPIDAE NEW GENUS Y	.	.	.	.	.	.	.	.	.	.	.	.
EXILINISCUS SP.232	.	.	.	.	.	.	1	.	.	.	.	1
EXILINISCUS SP.255	.	.	.	.	.	1	.	.	3	.	1	5
GNATHIA SP.201	.	.	.	.	1	.	.	.	.	.	.	1
GNATHIA SP.210	.	.	.	.	.	.	.	.	.	.	.	.
GNATHIA SP.211	.	.	.	.	.	.	.	.	.	.	.	.
GNATHIA SP.226	.	.	1	.	1	1	.	.	.	.	.	3
HAPLOMESUS SP.207	.	.	.	.	.	.	.	.	.	.	.	.
HAPLOMESUS SP.239	.	.	.	.	.	.	1	1	.	.	.	2
HAPLOMSUS SP.	.	.	.	.	.	.	.	.	.	.	.	.
HAPLONISCUS SP.234	.	.	.	.	2	1	.	.	.	.	.	3
HAPLONISCUS SP.273	.	.	.	.	.	.	.	.	.	.	.	.
HAPSIDOHEDRA SP.245	.	.	.	1	2	.	1	.	.	.	.	4
HETEROMESUS SP.288	.	.	.	.	.	.	.	.	1	.	.	1
ILYARACHNA SP.218	.	.	1	.	3	1	.	2	.	.	.	7
ISCHNOMESUS SP.	.	.	.	.	.	.	.	.	.	.	1	1
ISCHNOMESUS SP.208	.	.	.	.	7	1	.	.	.	.	.	8
ISCHNOMESUS SP.222	.	.	.	.	1	.	.	.	.	.	.	1
ISCHNOMESUS SP.227	.	.	.	1	3	.	.	.	.	.	.	4
ISCHNOMESUS SP.247	.	.	.	.	.	.	.	.	1	.	.	1
ISCHNOMESUS SP.275	.	.	.	.	.	.	2	2	.	.	1	5
ISCHNOMESUS SP.276	.	.	.	.	.	.	1	.	.	1	.	2

Table C-5 (Con't)

	Cruise III Stations											
Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
ISOPODA (con't)												
ISCHNOMESUS SP.278	.	.	.	.	.	.	.	.	.	.	.	.
ISOPODA	.	.	.	.	.	.	.	.	.	.	.	.
KATIANIRA SP.244	.	.	.	.	.	.	.	.	.	.	.	.
LEPTANTHURA SP.205	.	.	.	.	.	.	.	.	.	.	.	.
LEPTANTHURA SP.219	.	.	.	.	2	2	.	.	.	.	.	4
LIPOMERA SP.280	.	.	.	.	.	1	.	.	.	.	.	1
MACROSTYLUS SP.223	.	.	.	2	6	.	.	.	.	.	.	8
MACROSTYLUS SP.256	.	.	.	.	.	1	.	14	.	3	9	27
MALACANTHURA SP.294	.	.	.	.	.	.	1	.	.	.	.	1
MIRABILICOXA SP.253	.	.	.	.	2	.	.	.	.	.	.	2
MIRABILICOXA SP.254	.	.	.	.	.	.	.	.	.	1	.	1
MIRABILICOXA SP.261	.	.	3	.	.	.	.	1	.	.	1	5
MIRABILICOXA SP.269	.	.	.	.	.	.	.	.	.	.	.	.
MONEDOSSA SP.268	.	.	.	.	.	.	.	3	.	1	.	4
NANNONISCIDAE N. GEN. X SP.213	.	.	.	.	.	.	.	.	.	.	.	.
NANNONISCOIDES SP.229	.	.	.	.	.	.	.	.	.	.	.	.
NANNONISCOIDES SP.250	.	.	.	.	.	.	.	.	.	.	.	.
NANNONISCONUS SP.240	.	.	.	.	.	.	1	.	.	.	.	1
NANNONISCUS SP.233	.	.	.	.	.	.	.	.	.	.	.	.
NANNONISCUS SP.242	.	.	.	.	.	.	.	.	.	.	.	.
NOTOXENOIDES SP.206	.	.	.	.	3	1	.	.	.	.	.	4
OCSANTHURA SP.266	.	.	.	.	.	.	.	.	.	.	.	.
PANETELA SP.224	.	.	.	.	.	.	.	.	.	.	1	1
PROCHELATOR SP.202	17	23	.	.	.	.	.	.	.	.	.	40
PROCHELATOR SP.209	.	1	1	.	3	.	2	.	.	1	.	8
PROCHELATOR SP.228	.	.	.	1	4	.	.	.	.	.	.	5
PROCHELATOR SP.235	.	1	.	.	.	2	.	.	.	1	.	4
PROCHELATOR SP.238	.	.	.	.	.	2	.	.	.	.	.	2
PROCHELATOR SP.290	.	.	.	1	2	.	.	.	.	7	.	10
PSEUDARACHNA SP.281	.	.	.	.	1	.	.	.	.	.	.	1
PSEUDOMESUS SP.293	.	.	.	.	.	.	.	.	1	.	1	2
RAPANISCUS SP.265	.	.	.	.	.	1	1	7	.	.	.	9
REGABELLATOR SP.221	.	.	.	1	.	.	.	.	.	.	.	1
THAMBEMA SP.243	.	.	.	.	.	.	3	.	1	.	.	4
THAUMASTASOMA SP.279	.	.	.	.	.	.	.	1	.	1	.	2
TORWOLIA SP.203	.	.	.	2	3	3	1	.	.	.	.	9
WHOIA SP.216	.	.	1	.	1	1	2	2	.	.	.	7
WHOIA SP.225	.	.	.	.	1	.	.	.	.	.	.	1
WHOIA SP.264	.	.	1	.	.	.	.	.	.	.	.	1
WHOIA SP.270	.	.	.	.	2	.	.	.	.	.	.	2
	20	28	11	13	66	27	39	44	8	18	17	291
AMPHIPODA												
ACANTHONOTOZOMATIDAE N.SP.1	.	.	.	.	.	.	.	.	.	.	.	.
AMPELISCA AGASSIZI	.	3	.	.	.	.	.	.	.	.	.	3
AMPELISCA PACIFICA?	3	.	.	.	.	.	.	.	.	.	.	3
AMPELISCA SP.	1	.	.	.	.	.	.	.	.	.	.	1

Table C-5 (Con't)

	Cruise III Stations											
Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
AMPHIPODA (con't)												
AMPELISCA SP.2	.	.	.	.	.	2	2	4	.	.	.	8
AMPELISCA SP.3	.	.	.	.	.	.	.	.	.	.	.	.
AMPELISCIDAE	.	.	.	.	.	.	.	.	.	.	.	.
AMPHIPODA	3	3	.	1	8	3	5	1	.	.	.	24
AMPHIPODA UNKNOWN FAMILY 1	.	.	.	.	.	.	.	.	.	.	.	.
BATHYMEDON N.GEN.	.	.	.	.	.	.	.	.	.	.	.	.
BYBLIS N.SP.1	.	1	.	.	.	.	.	.	.	.	.	1
BYBLIS SP.	4	.	.	.	.	.	2	.	.	.	.	6
BYBLIS SP.2	.	.	.	.	.	.	.	.	.	.	.	.
CAPRELLIDAE	.	.	.	.	.	.	.	.	.	.	.	.
CARANGOLIA N.SP.1	.	.	1	.	.	.	.	.	.	.	.	1
COROPHIIDAE	.	11	.	.	.	2	.	.	.	.	.	13
COROPHIIDAE SP.1	.	.	.	.	.	.	.	.	.	.	.	.
COROPHIOIDEA N.SP.1	.	.	.	.	.	.	.	.	.	.	.	.
COROPHIOIDEA SP.2	.	.	.	.	.	.	.	.	.	.	.	.
EUSIRIDAE N. GEN. 1	.	.	.	.	.	.	.	.	.	.	.	.
GAMMAROPSIS SP. 1	.	.	.	.	.	.	.	.	.	.	.	.
HARPINIINAE	1	5	.	.	.	.	8	.	.	1	.	15
HARPINIINAE SP.2	.	.	.	.	.	.	.	.	.	.	.	.
HAUSTORIIDAE	.	.	.	.	.	.	.	.	.	.	.	.
?INGOLFIELLIDAE	.	.	.	.	.	.	.	.	.	.	.	.
JEDDO N.SP.1	.	.	.	.	.	.	.	.	.	.	.	.
LEPECHINELLIDAE	.	.	.	.	.	.	.	.	.	.	.	.
LEPTOPHOXUS	.	.	.	.	4	.	.	.	.	.	.	4
LEPTOPHOXUS N.SP.A	.	.	.	.	.	.	.	.	.	.	.	.
LEUCOTHOE SP.1	.	.	.	.	.	1	1	.	.	.	.	2
LILJEBORGIIDAE	.	.	.	1	2	2	.	.	.	.	.	5
LYSIANASSIDAE	1	.	.	2	.	.	2	1	.	.	.	6
LYSIANASSIDAE N.SP.1	.	.	.	.	.	.	.	.	.	.	.	.
LYSIANASSIDAE SP.2	.	.	.	.	.	.	.	.	.	.	.	.
LYSIANASSIDAE SP.3	.	.	.	.	.	.	.	.	.	.	.	.
LYSIANASSIDAE SP.5	.	.	.	.	.	.	.	.	.	.	.	.
MAYERELLA REDUNCA	.	.	.	.	.	1	.	.	.	.	.	1
MAYERELLA SP.	.	.	.	.	.	3	.	.	.	.	.	3
MELITA SP.1	.	.	1	2	.	1	.	.	.	.	.	4
MELITA SP.2	.	2	2	.	1	.	.	.	1	.	.	6
MELITA SP.3	.	.	.	.	1	.	.	.	.	.	.	1
MELITA SP.4	.	.	.	.	.	.	.	.	.	.	.	.
MELITIDAE	.	.	.	.	.	.	.	.	.	.	.	.
METAPHOXUS A	.	.	.	.	.	.	.	.	.	.	.	.
METAPHOXUS N.SP.	.	.	.	.	.	.	.	.	.	.	.	.
OEDICEROPSIS	.	.	.	.	.	.	.	.	.	.	.	.
PARAMETOPELLA N.SP.1	.	.	.	.	.	.	.	.	.	.	.	.
PARDISYNOPIA N.SP.1	.	.	2	2	3	4	2	.	.	.	.	13
PHOXOCEPHALIIDAE	.	.	1	.	.	1	.	.	.	2	.	4
PHOXOCEPHALUS SP.	.	.	3	4	41	7	3	1	.	.	.	59
PHOXOCEPHALUS SP.1	.	.	.	.	.	.	.	.	.	.	.	.
SEBIDAE	.	.	.	.	.	.	.	.	.	.	.	.
STENOTHOIDAE	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
AMPHIPODA (con't)												
SYNOPIIDAE	.	.	.	.	.	.	6	.	.	.	.	6
SYNOPIIDAE N. GEN. 2	.	.	.	.	.	.	.	.	.	.	.	.
SYNOPIIDAE N.GEN.1	.	.	.	.	.	.	.	.	.	.	.	.
SYNOPIIDAE SP.2	.	.	.	.	.	.	.	.	.	.	.	.
SYNOPIIDAE SP.3	.	.	.	.	.	.	.	.	.	.	.	.
SYNOPIIDAE SP.4	.	.	.	.	.	.	.	.	.	.	.	.
SYNOPIIDAE SP.5	.	.	.	.	3	1	.	1	.	.	.	5
SYRRHOE N. SP. 1	.	.	.	.	.	.	1	.	1	.	.	2
?VALETTIOPSIS SP.1	.	.	.	.	.	.	.	.	.	.	.	.
	13	25	10	12	63	28	32	8	2	3	.	196
DECAPODA												
AXIIDAE SP.A	.	.	.	.	.	.	.	.	.	.	.	.
AXIUS SP.	.	.	.	.	.	.	.	.	.	.	.	.
BATHYPLAX TYPHLA	.	.	.	.	.	.	.	.	.	.	.	.
CALLIANASSIDAE	.	.	.	.	1	.	.	.	.	.	.	1
CYMONOMUS N.SP.	.	.	.	.	.	.	.	.	.	.	.	.
NEPHROPSIS ACULEATA	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	.	1	.	.	.	.	.	.	1
SIPUNCULA												
ASPIDOSIPHON SP.	.	.	.	.	.	2	.	.	.	.	.	2
ASPIDOSIPHON SP.A (CF. MUELLERI)	.	.	.	.	.	.	.	.	.	.	.	.
ASPIDOSIPHON SP.B	.	.	.	.	.	.	.	.	.	.	.	.
ASPIDOSIPHON SP.C	.	.	.	.	.	.	.	.	.	.	.	.
ASPIDOSIPHON SP.D	.	.	.	.	.	.	.	.	.	.	.	.
ASPIDOSIPHON SP.E	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.	1	.	.	.	.	.	.	.	.	.	.	1
GOLFINGIA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.B	.	.	.	.	.	.	.	.	.	1	.	1
GOLFINGIA SP.C	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.D	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.E	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.F	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.G	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.H	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.I	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.J	.	.	1	.	.	1	.	1	.	.	.	3
GOLFINGIA SP.K	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.L	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.M	.	.	.	.	.	.	.	.	.	.	.	.
GOLFINGIA SP.N	1	.	.	.	.	.	.	.	.	.	.	1
GOLFINGIA SP.O	.	.	.	1	.	.	.	.	.	.	.	1
GOLFINGIA SP.P	.	.	.	.	1	.	.	.	.	.	.	1
GOLFINGIIDAE	.	.	.	.	.	.	.	.	.	.	.	.
ONCHNESOMA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
ONCHNESOMA SP.B	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5 (Con't)

Taxa	Cruise III Stations C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
SIPUNCULA (con't)												
ONCHNESOMA SQUAMATUM	.	.	.	.	.	.	.	.	.	.	.	.
ONCHNESOMA STEENSTRUPII	.	.	.	.	.	.	.	.	.	.	.	.
PHASCOLION SP.A	.	.	.	.	.	.	.	.	.	.	.	.
PHASCOLION SP.B	.	.	.	.	.	.	.	.	.	.	.	.
PHASCOLION SP.C	.	.	.	1	.	.	.	.	.	.	.	1
SIPHONOSOMA SP.	.	.	.	.	.	.	.	.	.	.	.	.
SIPHONOSOMA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
SIPUNCULA	.	.	.	.	1	.	.	.	.	.	.	1
SIPUNCULA SP.A	.	.	.	.	.	.	.	.	.	.	.	.
SIPUNCULA SP.B	.	.	.	.	.	.	.	.	.	.	.	.
SIPUNCULIDAE	.	.	.	.	4	2	1	1	1	.	.	9
	2	.	1	2	6	5	1	2	1	1	.	21
BRYOZOA												
ANGUISIA SP.	.	.	.	.	.	.	.	.	.	.	.	.
BATHYALAZOON FORESTI?	.	.	.	.	.	.	.	.	.	.	.	.
BIFAXARIIDAE SP.F (N. GEN. N. SP.)	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP. A (N.SP.)	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP. B (N.G., N.SP.)	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP. C (N.G., N.SP.)	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP. D (N.SP.)	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP. E (N.GEN.)	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2145	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2153	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2154	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2164	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2166	.	.	.	.	.	3	7	1	2	.	.	13
CHEILOSTOMATA SP.2167	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2169	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2172	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2198	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2205	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2210	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2230	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2243	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2278	.	.	.	.	.	.	.	.	.	.	.	.
CHEILOSTOMATA SP.2333	.	.	.	.	.	.	.	.	2	.	.	2
CLAVIPORIDAE	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2162	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2171	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2173	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2176	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2180	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2185	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2219	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2222	.	.	.	.	.	.	.	.	.	.	.	.

Table C-5 (Con't)

	Cruise III Stations											
Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
BRYOZOA (con't)												
CTENOSTOMATA SP.2225	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2229	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2235	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2236	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2245	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2249	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2251	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2255	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2261	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2270	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2271	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2274	.	.	.	.	.	.	.	.	.	.	.	.
CTENOSTOMATA SP.2281	.	.	.	.	.	.	.	.	.	1	.	1
CTENOSTOMATA SP.2314	.	.	.	.	.	.	.	9	.	.	.	9
CTENOSTOMATA SP.2320	.	.	.	1	.	.	.	.	.	.	.	1
EUGINOMA CAVALIERI	.	.	1	4	.	4	9	12	33	.	.	63
EUGINOMA N.SP.	.	.	.	.	.	.	.	.	15	9	.	24
HELIODOMA SP.	.	.	.	.	.	.	.	2	.	.	.	2
MEMBRANIPORA SP.	.	.	.	.	.	.	.	.	.	.	.	.
MEMBRANIPORA TUBERCULATA	.	.	.	.	.	.	.	3	.	.	.	3
METALCYONIDIUM SP.	.	.	.	.	.	1	.	.	.	.	.	1
METRARABDOTOMORPHA AENIGMATISTES	.	.	.	.	.	.	.	1	.	.	.	1
METRARABDOTOMORPHA SP.	.	.	.	.	.	.	.	.	.	.	.	.
NEOFLUSTRELLIDRA SCHOPFI	.	.	.	.	.	.	.	.	.	.	.	.
NOLELLA HAMPSONI	.	.	.	.	.	.	.	.	.	.	.	.
NOLELLA SP.	.	.	.	.	2	3	6	1	46	1	1	60
NOTOPLITES SP.	.	.	.	.	.	.	.	.	.	.	.	.
PACHYZOON ATLANTICUM	.	.	.	.	.	.	.	.	.	.	.	.
PSEUDALCYONIDIUM BOBINAE	.	.	.	.	.	.	.	.	.	.	.	.
PSEUDALCYONIDIUM SP.	.	.	1	.	.	.	.	.	.	.	.	1
SCLERODOMUS SP.	.	.	.	.	.	.	.	.	12	.	.	12
SCRUPOCELLARIA SPP.	.	.	.	.	.	.	.	.	.	.	.	.
SETOSELLINA GOESII	.	.	.	.	.	.	.	.	.	.	.	.
SETOSELLINA SP.	.	.	.	.	.	.	.	.	.	.	.	.
SPHAERULOBRYOZOON PEDUNCULATUM	.	.	3	.	.	4	5	2	.	.	.	14
SPHAERULOBRYOZOON SP.	.	.	.	.	.	.	1	1	.	.	.	2
	.	.	5	5	2	15	28	32	110	11	1	209
BRACHIOPODA												
ARGYROTHECA N.SP.	.	.	.	.	.	.	.	.	1	.	.	1
CRYPTOPORA RECTIMARGINATA	.	.	.	.	1	2	1	.	44	7	.	55
	.	.	.	.	1	2	1	.	45	7	.	56

Table C-5 (Con't)

Taxa	Cruise III Stations											
	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
ASTEROIDEA												
ASTEROIDEA	1	.	.	.	.	.	.	.	.	.	.	1
?TOSIA SP.	.	.	.	.	1	.	.	.	.	.	.	1
	1	.	.	.	1	.	.	.	.	.	.	2
OPHIUROIDEA												
AMPHILEPIS SP.	.	.	.	.	.	.	.	.	.	.	.	.
AMPHIURA SEMIERMIS	.	.	.	.	.	.	.	.	.	.	.	.
OPHIACANTHIDAE JUVENILE SP.J	.	.	.	.	.	.	.	.	.	.	.	.
OPHIACANTHIDAE JUVENILE SP.K	.	.	.	.	.	.	.	.	.	.	.	.
OPHIERNUS SP.	.	.	.	.	.	.	.	.	.	.	.	.
OPHIOSTRIATUS SP.	.	.	.	.	.	.	.	.	.	.	.	.
OPHIOTHOLIA SP.	.	.	.	.	.	.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.A	.	.	.	.	.	.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.B	.	.	.	.	.	.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.C	.	.	.	.	.	.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.D	.	.	.	.	.	.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.E	.	.	.	.	.	.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.F	.	.	.	.	.	.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.G	.	.	.	.	.	.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.H	.	.	.	.	.	.	.	.	.	.	.	.
OPHIUROIDEA JUVENILE SP.I	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	.	.	.	.	.	.	.	.	.
ECHINOIDEA												
ACESTE BELLIDIFERA	.	.	1	.	.	.	1	.	.	1	1	4
HEMIASTER EXPERGITUS	.	.	.	.	.	.	.	.	.	.	.	.
SCHIZASTER ORBIGNYANUS	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	1	.	.	.	1	.	.	1	1	4
HOLOTHUROIDEA												
ASPIDOCHIROTIDAE	.	.	.	.	.	.	.	1	.	.	.	1
BENTHODYTES SP.	.	.	.	.	.	.	.	1	.	.	.	1
ECHINOCUCUMIS HISPIDA	.	.	.	.	.	.	.	.	1	.	.	1
HOLOTHUROIDEA	.	.	.	.	.	.	.	1	.	.	.	1
MOLPADIA SP.	.	.	.	1	.	.	.	.	.	.	.	1
MYRIOTROCHUS SP.	.	.	.	.	.	.	.	.	.	3	.	3
PROTANKYRA SP.	.	.	.	.	2	5	.	.	.	2	.	9
PSEUDOSTICHOPUS SP.	.	.	.	.	.	.	3	.	1	.	.	4
SYNAPTIDAE	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	1	2	5	3	3	2	5	.	21

Table C-5 (Con't)

Taxa	C 1	C 6	C 2	C 3	C 7	C 8	C 9	C 4	C11	C 5	C12	Total
						Cruise III Stations						
CRINOIDEA												
DEMOCRINUS BREVIS	.	.	.	.	.	.	1	.	.	.	.	1
MONACHOCRINUS CARIBBEUS	.	.	.	.	.	.	.	.	.	.	.	.
	.	.	.	.	.	.	1	.	.	.	.	1
ASCIDIACEA												
ASCIDIACEA	.	.	.	.	.	.	.	.	1	.	.	1
BATHYSTYELOIDES N. SP.	.	.	.	.	.	.	1	1	.	.	.	2
DICARPA SIMPLEX	.	.	.	2	.	.	2	8	1	.	.	13
HEXACROBYLUS ARCTICUS?	.	.	.	.	.	.	.	.	.	.	.	.
MINIPERA N.SP.	.	.	.	.	.	.	1	1	.	.	.	2
MINIPERA PEDUNCULATA	.	.	.	.	.	.	.	.	.	1	.	1
MINIPERA SP.	.	.	.	.	.	.	1	.	.	.	.	1
PSEUDODIAZONA ABYSSA	.	.	.	.	.	.	1	1	.	.	.	2
PYURIDAE	.	.	.	.	.	.	.	.	.	.	.	.
STYELIDAE	.	.	.	.	.	1	.	.	.	.	.	1
	.	.	.	2	.	1	6	11	2	1	.	23

Table C-6. Station densities of meiofauna groups from Cruises I-III (no/10 cm^2).

Cruise I Stations

Taxa	C1	C2	C3	C4	C5	Overall Density (Transect)
NEMATODA	274.6	268.5	218.6	166.0	196.1	224.7
FORAMINIFERA	58.8	30.4	29.2	14.8	14.1	29.4
HARPACTICOIDA	113.5	129.9	93.6	66.5	48.3	90.3
NAUPLII	33.0	36.6	34.4	20.7	25.3	30.0
POLYCHAETA	17.0	6.7	5.0	6.2	3.4	7.7
OSTRACODA	9.0	11.1	8.3	5.2	3.6	7.4
KINORHYNCHA	8.5	4.6	3.8	1.9	2.4	4.3
ISOPODA	0.4	2.1	1.2	1.0		01
BIVALVIA	0.9	1.0	0.7	0.8	0.6	0.8
UNKNOWN	1.0	1.0	0.5	0.9	1.0	0.9
TANAIDACEA	0.8	0.2				0.2
HALACARIDA		0.1	0.1	0.3	0.5	0.2
COPEPODA	0.4	0.3	1.3	0.4		0.5
SIPUNCULA	0.1					<.1
GASTROPODA	0.3		0.1			0.1
TARDIGRADA		0.1	0.1		0.1	0.1
APLACOPHORA	0.1	0.4	0.1			0.1
PRIAPULIDA					0.2	<.1
CRUSTACEA			0.3	0.1		0.1
SCAPHOPODA	0.1			0.2		0.1
CNIDARIA	0.1		0.1			<.1
OLIGOCHAETA			0.1			<.1
	518.6	492.9	397.4	285.0	295.5	397.9

Table C-6 (con't)

Cruise II Stations

Taxa	C1	C2	C3	C4	C5	Overall Density (Transect)
NEMATODA	483.0	253.7	229.0	203.6	145.4	262.9
FORAMINIFERA	421.7	224.0	251.7	241.3	56.1	239.0
HARPACTICOIDA	109.0	108.8	88.4	68.8	40.5	83.1
NAUPLII	60.3	43.2	46.5	41.8	20.1	42.4
POLYCHAETA	29.5	29.9	14.1	12.3	4.2	18.0
OSTRACODA	11.1	11.5	11.0	7.4	3.6	8.9
KINORHYNCHA	16.1	2.2	4.6	2.8	2.3	5.6
ISOPODA	2.5	2.1	1.7	0.9	0.3	1.5
BIVALVIA	0.7	0.8	1.0	1.4	0.4	0.9
UNKNOWN	0.1					<.1
TANAIDACEA	1.6	0.3	0.9	0.3	0.2	0.6
HALACARIDA	0.4	0.3		0.3		0.2
COPEPODA CYCLOPOIDA	0.2			0.3	0.1	0.1
LORICIFERA			0.1	1.4	0.3	0.3
COPEPODA		0.5			0.1	0.1
SIPUNCULA	0.4	0.4	0.5			0.3
GASTROPODA	0.3		0.2	0.5	0.2	0.2
NEMERTINI		0.7	0.1			0.2
TARDIGRADA					0.2	<.1
OSTRACODA PODOCOPA	0.1	0.8	0.1	0.2	0.1	0.2
APLACOPHORA	0.3	0.1	0.1	0.3		0.1
PRIAPULIDA					0.4	0.1
TURBELLARIA	0.7		0.1	0.1		0.2
SCAPHOPODA	0.1					<.1
CNIDARIA	0.1					<.1
GASTROTRICHA	0.1					<.1
HYDROZOA	0.1					<.1
ASTEROIDEA				0.1		<.1
HOLOTHUROIDEA		0.1				<.1
CIRRIPEDIA			0.1			<.1
	1138.4	679.3	650.1	583.6	274.2	665.1

Table C-6 (con't)

Cruise II Stations

Taxa	E1	E2	E3	E4	E5	Overall Density (Transect)
NEMATODA	121.7	108.0	116.0	95.1	111.6	109.6
FORAMINIFERA	12.7	7.5	6.4	5.5	11.8	8.8
HARPACTICOIDA	28.0	42.7	40.6	36.2	40.0	37.6
NAUPLII	14.6	21.4	20.3	13.4	21.2	18.1
POLYCHAETA	9.0	11.3	11.5	7.7	4.3	8.4
OSTRACODA	5.6	3.3	4.3	5.6	3.5	4.5
KINORHYNCHA	3.1	0.5	1.6	1.4	0.9	1.5
ISOPODA	0.7	0.2	1.4	0.3	0.4	0.6
BIVALVIA	1.0	0.3	0.5	0.3		0.4
UNKNOWN	0.2					<.1
TANAIDACEA	0.2		0.2	0.1	0.5	0.2
HALACARIDA	0.2	0.5	0.3		0.9	0.4
COPEPODA CYCLOPOIDA		1.4	0.2	0.8	0.7	0.6
LORICIFERA	0.2	0.3	1.4	0.9		0.6
COPEPODA	1.2					0.2
SIPUNCULA		0.2		0.1		0.1
GASTROPODA		0.2				<.1
TARDIGRADA		0.3	0.5			0.2
OSTRACODA PODOCOPA	0.3	0.7		0.1		0.2
APLACOPHORA	0.3					0.1
PRIAPULIDA					0.5	0.1
BRYOZOA	0.3					0.1
CEPHALOPODA	0.2					<.1
	199.5	198.8	205.2	167.4	196.4	192.1

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Table C-6 (con't)

Cruise II Stations

Taxa	W1	W2	W3	W4	W5	Overall Density (Transect)
NEMATODA	165.3	95.8	107.1	68.4	64.8	100.0
FORAMINIFERA	22.9	7.3	6.9	2.4	5.2	9.0
HARPACTICOIDA	84.9	35.4	47.9	31.6	26.2	45.1
NAUPLII	36.8	21.5	16.9	17.9	17.0	22.2
POLYCHAETA	15.3	6.1	8.5	6.3	3.3	7.9
OSTRACODA	5.4	5.7	4.4	3.1	3.5	4.4
KINORHYNCHA	6.9	0.5	1.0	0.9	1.7	2.3
ISOPODA	1.2	0.3	0.2	0.7	0.2	0.5
BIVALVIA	0.7	0.2	0.4	0.5	0.9	0.5
UNKNOWN	0.3	0.5	0.4	0.2	0.5	0.4
TANAIDACEA	0.9	0.3	0.4	0.2		0.4
HALACARIDA	2.6	0.9	0.4	0.2	0.2	0.9
COPEPODA CYCLOPOIDA	3.0	1.6			0.3	1.0
LORICIFERA	0.7	0.2	0.2			0.2
SIPUNCULA	1.2					0.3
GASTROPODA	0.9		0.2	0.2		0.3
NEMERTINI	2.4				0.2	0.5
TARDIGRADA	0.2	0.2		1.0	1.0	0.5
APLACOPHORA	0.2					<.1
CRUSTACEA				0.2		<.1
BRYOZOA	0.5					0.1
GASTROTRICHA	0.2					<.1
HYDROZOA		0.2				<.1
COPEPODA CALANOIDA		0.3				0.1
	352.4	177.1	195.0	133.7	125.0	196.7

Table C-6 (con't)

Cruise III Stations

Taxa	C1	C6	C2	C3	C7	C8	C9	C4	C11	C5	C12	Overall Density (Transect)
NEMATODA	290.6	319.2	232.3	138.0	332.8	96.1	78.7	212.2	103.0	200.8	124.3	194.0
FORAMINIFERA	133.2	314.3	61.9	102.3	119.2	93.7	146.7	163.4	106.0	50.9	44.3	122.0
HARPACTICOIDA	82.5	89.5	99.6	70.8	87.4	58.8	58.2	66.5	42.9	52.4	30.9	67.5
NAUPLII	32.6	55.4	47.3	33.4	44.8	34.2	31.4	48.5	38.3	44.3	26.7	39.8
POLYCHAETA	44.4	46.3	17.5	13.3	51.5	11.9	12.1	12.3	7.3	6.0	4.6	20.8
OSTRACODA	8.7	10.6	12.5	10.2	14.1	9.7	8.3	13.5	6.2	4.2	4.3	9.3
KINORHYNCHA	7.0	4.5	2.5	2.9	3.0	1.6	1.0	2.4	1.2	2.5	1.2	2.7
BIVALVIA	1.1	0.9	0.4	0.5	2.8	1.6	1.5	0.7	1.1	0.7	0.5	1.1
TANAIDACEA	2.3	0.6	0.3	0.7	1.6	0.4	0.3	0.2		0.4	0.1	0.6
COPEPODA CYCLOPOIDA	0.4	0.5	1.0	0.5	0.5	0.7	0.4	0.9	0.5	0.3	0.1	0.5
ISOPODA	0.4	0.9	0.6	0.3	0.9	0.4	0.2	0.4	0.4	0.3	0.1	0.4
COPEPODA CALANOIDA	0.6	0.3	0.7	0.8	1.0	0.2	0.6	0.3		0.1	0.1	0.4
APLACOPHORA	1.4	0.2	0.2	0.4	1.6		0.3			0.2		0.4
HALACARIDA	0.5	1.0	0.4	0.2	0.3		0.2	0.8	0.4	0.2		0.4
GASTROPODA	0.2				0.8	0.7	0.2	1.0	0.8	0.1	0.3	0.4
LORICIFERA			0.1		0.7	0.3	0.3	0.8	0.7	0.4	0.4	0.3
SCAPHOPODA	0.1	1.2		0.1	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3
TURBELLARIA	0.1	1.0	0.4	0.3		0.1	0.1	0.4				0.2
TARDIGRADA			0.3		0.9	0.1			0.3		0.1	0.2
UNKNOWN			0.3	0.1	0.1	0.1	0.3	0.1				0.1
BRYOZOA		0.3						0.1	0.3	0.1	0.1	0.1
GASTROTRICHA	0.3				0.3				0.1	0.1		0.1
HYDROZOA	0.1		0.3	0.1				0.2				0.1
PRIAPULIDA	0.1					0.1	0.2				0.1	<.1
AMPHIPODA				0.1	0.2	0.1						<.1
PORIFERA									0.1	0.1	0.1	<.1
ANTHOZOA	0.1								0.2			<.1
OPHIUROIDEA	0.1	0.1							0.1			<.1
SIPUNCULA							0.1	0.1	0.1			<.1
SCYPHOZOA STROBILA				0.1					0.1			<.1
NEMERTINI										0.1		<.1
MYSTACOCARIDA							0.1					<.1
PYCNOGONIDA					0.1							<.1
OLIGOCHAETA				0.1								<.1
CNIDARIA							0.1					<.1
	606.8	846.6	478.7	375.2	664.7	311.0	341.2	525.0	310.3	364.3	238.5	461.9

Table C-7. Station counts of meiofauna groups from Cruises I-III.

	Cruise I Stations					
Taxa	C1	C2	C3	C4	C5	Total
NEMATODA	3163	3093	2518	1912	2259	12945
FORAMINIFERA	677	350	336	170	162	1695
HARPACTICOIDA	1307	1497	1078	766	556	5204
NAUPLII	380	422	396	239	291	1728
POLYCHAETA	196	77	58	71	39	441
OSTRACODA	104	128	96	60	41	429
KINORHYNCHA	98	53	44	22	28	245
ISOPODA	5	24	14	12		55
BIVALVIA	10	11	8	9	7	45
UNKNOWN	12	11	6	10	12	51
TANAIDACEA	9	2				11
HALACARIDA		1	1	4	6	12
COPEPODA CYCLOPOIDA						
LORICIFERA						
COPEPODA	5	3	15	5		28
SIPUNCULA	1					1
GASTROPODA	4		1			5
NEMERTINI						
TARDIGRADA		1	1		1	3
OSTRACODA PODOCOPA						
APLACOPHORA	1	5	1			7
PRIAPULIDA					2	2
TURBELLARIA						
CRUSTACEA			3	1		4
BRYOZOA						
SCAPHOPODA	1			2		3
CNIDARIA	1		1			2
GASTROTRICHA						
HYDROZOA						
COPEPODA CALANOIDA						
ASTEROIDEA						
HOLOTHUROIDEA						
CIRRIPEDIA						
CEPHALOPODA						
OLIGOCHAETA			1			1
	5974	5678	4578	3283	3404	22917

Table C-7 (con't)

Taxa	Cruise II Stations C1	C2	C3	C4	C5	Total
NEMATODA	5564	2923	2638	2345	1675	15145
FORAMINIFERA	4858	2580	2900	2780	646	13764
HARPACTICOIDA	1256	1253	1018	793	466	4786
NAUPLII	695	498	536	482	232	2443
POLYCHAETA	340	344	162	142	48	1036
OSTRACODA	128	132	127	85	41	513
KINORHYNCHA	186	25	53	32	26	322
ISOPODA	29	24	20	10	3	86
BIVALVIA	8	9	11	16	5	49
UNKNOWN	1					1
TANAIDACEA	18	3	10	3	2	36
HALACARIDA	5	4		3		12
COPEPODA CYCLOPOIDA	2			3	1	6
LORICIFERA			1	16	3	20
COPEPODA		6			1	7
SIPUNCULA	5	5	6			16
GASTROPODA	3		2	6	2	13
NEMERTINI		8	1			9
TARDIGRADA					2	2
OSTRACODA PODOCOPA	1	9	1	2	1	14
APLACOPHORA	3	1	1	3		8
PRIAPULIDA					5	5
TURBELLARIA	8		1	1		10
CRUSTACEA						
BRYOZOA						
SCAPHOPODA	1					1
CNIDARIA	1					1
GASTROTRICHA	1					1
HYDROZOA	1					1
COPEPODA CALANOIDA						
ASTEROIDEA				1		1
HOLOTHUROIDEA		1				1
CIRRIPEDIA			1			1
CEPHALOPODA						
OLIGOCHAETA						
	13114	7825	7489	6723	3159	38310

Table C-7 (con't)

Taxa	Cruise II Stations E1	E2	E3	E4	E5	Total
NEMATODA	701	622	668	730	857	3578
FORAMINIFERA	73	43	37	42	91	286
HARPACTICOIDA	161	246	234	278	307	1226
NAUPLII	84	123	117	103	163	590
POLYCHAETA	52	65	66	59	33	275
OSTRACODA	32	19	25	43	27	146
KINORHYNCHA	18	3	9	11	7	48
ISOPODA	4	1	8	2	3	18
BIVALVIA	6	2	3	2		13
UNKNOWN	1					1
TANAIDACEA	1		1	1	4	7
HALACARIDA	1	3	2		7	13
COPEPODA CYCLOPOIDA		8	1	6	5	20
LORICIFERA	1	2	8	7		18
COPEPODA	7					7
SIPUNCULA		1		1		2
GASTROPODA		1				1
NEMERTINI						
TARDIGRADA		2	3			5
OSTRACODA PODOCOPA	2	4		1		7
APLACOPHORA	2					2
PRIAPULIDA					4	4
TURBELLARIA						
CRUSTACEA						
BRYOZOA	2					2
SCAPHOPODA						
CNIDARIA						
GASTROTRICHA						
HYDROZOA						
COPEPODA CALANOIDA						
ASTEROIDEA						
HOLOTHUROIDEA						
CIRRIPEDIA						
CEPHALOPODA	1					1
OLIGOCHAETA						
	1149	1145	1182	1286	1508	6270

Table C-7 (con't)

Taxa	Cruise II Stations					
	W1	W2	W3	W4	W5	Total
NEMATODA	952	552	514	394	373	2785
FORAMINIFERA	132	42	33	14	30	251
HARPACTICOIDA	489	204	230	182	151	1256
NAUPLII	212	124	81	103	98	618
POLYCHAETA	88	35	41	36	19	219
OSTRACODA	31	33	21	18	20	123
KINORHYNCHA	40	3	5	5	10	63
ISOPODA	7	2	1	4	1	15
BIVALVIA	4	1	2	3	5	15
UNKNOWN	2	3	2	1	3	11
TANAIDACEA	5	2	2	1		10
HALACARIDA	15	5	2	1	1	24
COPEPODA CYCLOPOIDA	17	9			2	28
LORICIFERA	4	1	1			6
COPEPODA						
SIPUNCULA	7					7
GASTROPODA	5		1	1		7
NEMERTINI	14				1	15
TARDIGRADA	1	1		6	6	14
OSTRACODA PODOCOPA						
APLACOPHORA	1					1
PRIAPULIDA						
TURBELLARIA						
CRUSTACEA				1		1
BRYOZOA	3					3
SCAPHOPODA						
CNIDARIA						
GASTROTRICHA	1					1
HYDROZOA		1				1
COPEPODA CALANOIDA		2				2
ASTEROIDEA						
HOLOTHUROIDEA						
CIRRIPEDIA						
CEPHALOPODA						
OLIGOCHAETA						
	2030	1020	936	770	720	5476

Table C-7 (con't)

Taxa	Cruise III Stations											
	C1	C6	C2	C3	C7	C8	C9	C4	C11	C5	C12	Total
NEMATODA	3348	3677	2676	1590	3834	1107	907	2445	1186	2313	1313	24396
FORAMINIFERA	1535	3621	713	1178	1373	1079	1690	1882	1221	586	468	15346
HARPACTICOIDA	950	1031	1147	816	1007	677	670	766	494	604	326	8488
NAUPLII	375	638	545	385	516	394	362	559	441	510	282	5007
POLYCHAETA	511	533	202	153	593	137	139	142	84	69	49	2612
OSTRACODA	100	122	144	118	162	112	96	156	71	48	45	1174
KINORHYNCHA	81	52	29	33	35	19	12	28	14	29	13	345
BIVALVIA	13	10	5	6	32	19	17	8	13	8	5	136
TANAIDACEA	27	7	4	8	18	5	3	2		5	1	80
COPEPODA CYCLOPOIDA	5	6	12	6	6	8	5	10	6	4	1	69
ISOPODA	5	10	7	3	10	5	2	5	5	3	1	56
COPEPODA CALANOIDA	7	4	8	9	12	2	7	4		1	1	55
APLACOPHORA	16	2	2	5	18		3			2		48
HALACARIDA	6	11	5	2	4		2	9	5	2		46
GASTROPODA	2				9	8	2	11	9	1	3	45
LORICIFERA			1		8	3	3	9	8	5	4	41
SCAPHOPODA	1	14		1	3	3	2	2	3	3	3	35
TURBELLARIA	1	11	5	4		1	1	5				28
TARDIGRADA			3		10	1			4		1	19
UNKNOWN			4	1	1	1	3	1				11
BRYOZOA		3						1	4	1	1	10
GASTROTRICHA	3				3				1	1		8
HYDROZOA	1		3	1				2				7
PRIAPULIDA	1					1	2				1	5
AMPHIPODA				1	2	1						4
PORIFERA									1	1	1	3
ANTHOZOA	1								2			3
OPHIUROIDEA	1	1							1			3
SIPUNCULA							1	1	1			3
SCYPHOZOA STROBILA				1					1			2
NEMERTINI										1		1
MYSTACOCARIDA							1					1
PYCNOGONIDA					1							1
OLIGOCHAETA				1								1
CNIDARIA							1					1
	6990	9753	5515	4322	7657	3583	3931	6048	3575	4197	2519	58090

APPENDIX D

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Appendix D-1. Raw counts of all benthic photography observations, Cruise II stations.

	Western Transect						RAW COUNT Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	TOT	C1	C2	C3	C4	C5	TOT	E1	E2	E3	E4	E5	TOT
RIDGES																		
Individual ridges																		
Radiating ridges joined at center	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Ridge forming partial circle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Random path without paralleling grooves	0	3	3	17	48	71	1	9	16	1	3	30	0	39	3	6	419	467
Random path without paralleling grooves, short and distinct from bottom	0	0	0	30	73	103	0	0	1	0	4	5	0	7	10	0	88	105
Ridge paralleled by a shallow groove on each side	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
LUMPS																		
Solitary lumps																		
Unsculptured conical lump with an apical round hole	0	0	0	7	0	7	0	11	25	4	0	40	0	2	2	7	0	11
Sculptured solitary lump with center slightly depressed	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Irregular solitary lump	0	15	7	23	12	57	0	46	21	12	7	86	3	0	3	1	3	10
Unsculptured conical lump without apical hole	86	42	8	21	66	223	97	21	6	154	3	281	83	40	63	27	38	251
Excavated sediment lump adjacent to burrow	7	158	0	0	0	165	29	26	6	0	3	64	8	19	0	1	0	28
Distinctive area of reworked sediment, rough texture but no significant relief	0	0	1	0	0	1	3	0	2	0	11	16	0	0	1	1	1	3
Solitary lump, sculptured, elongate, with irregular transverse grooves (faecal)	0	0	0	29	19	48	0	0	0	0	1	1	0	0	0	0	1	1
Sculptured lump, elongate, resembling a coil lying on its side (faecal)	0	3	1	2	0	6	0	0	0	0	12	12	0	0	0	0	104	104
Sculptured lump, elongate, resembling a pile of uncoiled rope (faecal)	0	0	0	0	0	0	0	0	2	0	7	9	0	0	0	1	68	69
Elongate smooth lump, (faecal or possible biota)	0	21	2	42	15	80	0	10	0	0	0	10	0	4	0	0	5	9

Appendix D-1 (cont'd)

									RAW COUNT									
	Western Transect						Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	TOT	C1	C2	C3	C4	C5	TOT	E1	E2	E3	E4	E5	TOT
Individual grooves, short and narrow with small central hole	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0
Radiating set of short, narrow grooves from one side of central point	9	16	0	0	0	25	0	0	0	0	0	0	0	0	6	6	4	16
Radiating set of short, broad grooves from one side of central point	0	19	0	8	0	27	0	0	0	0	4	4	0	0	6	0	5	11
Broad grooves radiating from small central hole	0	13	0	0	0	13	0	0	0	0	0	0	0	0	0	0	14	14
Set of two parallel grooves about two cm. apart	2	0	0	0	0	2	0	0	0	0	14	14	0	0	0	1	0	1
DEPRESSIONS																		
Solitary depressions																		
Deep depression of no particular size or shape	79	498	60	24	16	677	205	118	628	21	675	1647	834	170	211	37	15	1267
Shallow depression of no particular size or shape	104	418	222	246	348	1338	197	218	1018	275	611	2319	152	226	386	220	365	1349
Large shallow depression with steep sides	0	1	1	1	0	3	1	1	88	0	0	90	1	0	13	0	0	14
Very rough shallow depression with irregular shape	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
Shallow excavated depression with removed material around it	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0
Groups of depressions																		
Depression in a single row arranged in a full circle	16	1	0	0	0	17	5	0	115	0	56	176	14	0	1	0	0	15
Depression in a single row arranged in a partial circle	4310	367	21	6	0	4704	160	86	348	8	536	1138	3892	27	69	0	40	4028
Numerous small depressions arranged in a cluster	38	0	0	0	0	38	14	0	16	0	11	41	0	1	19	2	0	22
Depressions arranged in an irregular circle around a large lump	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	16	28

Appendix D-1 (cont'd)

RAW COUNT

							Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	TOT	C1	C2	C3	C4	C5	TOT	E1	E2	E3	E4	E5	TOT
SCULPTURED STRIPS																		
Adjacent strips of depressions																		
Row of adjacent depressions, paralleled on each side by deeper depressions	0	0	0	0	0	0	0	0	0	0	27	27	3	0	0	0	0	3
Row of adjacent depressions without median grooves	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0
ARTIFACTS																		
Unidentified metal can	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0
Trash	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1
Plastic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSOLIDATED MATERIALS																		
Apparent rock or nodule	0	1	0	1	14	16	0	12	0	0	1	13	1	58	15	0	112	186
Consolidated material darker than surrounding sediment	0	14	7	48	53	122	0	3	0	0	0	3	0	139	0	0	140	279
Consolidated sediment object with same characteristics as surrounding bottom	0	0	0	0	0	0	1	0	0	0	1	2	1	0	0	0	0	1
Sediment block or slab	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1
Rough sediment block or slab	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2
Consolidated dark elongated oject	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0
UNKNOWN																		
Dark leaf-like lumps, possible dead sargassum	0	1	0	47	79	127	0	6	28	234	1	269	0	21	69	91	89	270
Cornucopia shape sponge, Type I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Spongelike white sphere	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0

Appendix D-1 (cont'd)

	Western Transect						RAW COUNT Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	TOT	C1	C2	C3	C4	C5	TOT	E1	E2	E3	E4	E5	TOT
Irregular shaped sponge-like mass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Gelatinous mass, probably actiniarian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Round with septa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Pogonophora-like worm stalk	0	7	0	0	0	7	0	0	0	2	0	2	0	0	0	0	0	0
Polychaete worm-like structure	0	0	0	0	7	7	0	0	0	3	0	3	0	0	0	0	0	0
Hyalinoecia-like worm tube, small	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Unidentified pink and blue shrimp	1	0	0	0	0	1	2	0	0	0	0	2	0	0	0	0	0	0
Urchin-like white sphere	2	0	0	0	0	2	0	0	0	1	4	5	0	0	0	1	0	1
Ophiomusium-like brittle star	3	4	0	4	0	11	1	63	2	0	1	67	0	0	0	0	1	1
Unknown holothuroid, both ends blunt, 9 cm length	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Unknown holothuroid, pyrosome-like	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Unknown holothuroid, transluscent colored	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Unknown holothuroid, transluscent with internal webs	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Holothuroid similar to *Scotoplanes*	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Small black fish-like *Leptoderma*	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Stalked objects	0	0	0	1	17	18	0	0	0	0	0	0	0	6	0	2	8	16
Bushy stalked objects - sometimes with translucent body parts visible	0	50	37	53	12	152	0	32	9	0	0	41	0	0	0	0	0	0
Multi stalked, tube worm-like	0	0	0	0	0	0	0	0	5	3	0	8	0	0	0	0	0	0
Filamentous stalk between two bulbs	0	0	0	3	2	5	0	0	0	0	0	0	0	0	0	0	0	0
Sea pen-like vertical stalk, no branches	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0

Appendix D-1 (cont'd)

	RAW COUNT																	
	Western Transect						Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	TOT	C1	C2	C3	C4	C5	TOT	E1	E2	E3	E4	E5	TOT
Long translucent filaments from central spherical structure	0	0	0	7	0	7	0	16	0	0	0	16	0	0	2	0	0	2
Filamentous cluster	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
White tentacle coming out of burrow	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	5
Clump of material with tentacular-like projections	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
Short translucent cylindrical structure	0	0	0	0	0	0	0	2	0	1	0	3	1	0	0	0	0	1
Short tubular structure, white bulbous structures near ends and thin in middle	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Short, thin, and tubular, transparent bulbous structures near ends	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
Small white colored pebble sized objects, evenly dispersed	1	0	0	41	107	149	0	0	0	0	0	0	0	0	0	0	191	191
Round sediment-colored sphere	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1
PLANTS																		
Thalassia sp.	1	0	0	0	2	3	2	0	1	0	0	3	0	0	0	0	0	0
DECAPOD CRUSTACEANS																		
Decapoda	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0
Penaeidea	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
Penaeopsis serrata	4	0	0	0	0	4	23	0	0	0	0	23	0	0	0	0	0	0
Hymenopenaeus robustus	8	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0
Plesiopenaeus edwardsianus	0	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	1	1
Caridean shrimp	0	0	0	0	0	0	0	2	0	2	0	4	0	0	0	1	0	1
Glyphocrangon sp.	0	0	0	0	1	1	0	1	0	0	0	1	0	0	0	0	0	0

Appendix D-1 (cont'd)

	Western Transect						RAW COUNT Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	TOT	C1	C2	C3	C4	C5	TOT	E1	E2	E3	E4	E5	TOT
Stereomastis sp.	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Galatheidae	4	1	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
Munida sp.	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
Brachyura	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
Pyromaia arachna	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Trichopeltarion nobile	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Benthochascon schmitti	3	0	0	0	0	3	7	0	0	0	0	7	2	0	0	0	0	2
Bathyplax typhla	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Natantia	0	4	1	13	0	18	0	6	4	0	0	10	0	6	1	1	7	15
ECHINODERMATA																		
Asteroidea	0	0	0	0	0	0	1	1	1	0	0	3	0	0	0	0	0	0
Goniopecten demonstrans	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
Nymphaster arenatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Brisingidae	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Ophiuroidea	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Phormosoma sp.	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Phormosoma placenta	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Holothuroidea	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
Mesothuria sp.	0	0	0	0	0	0	0	11	3	0	0	14	0	0	0	0	0	0
Benthodytes typica	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0
Scotoplanes sp.	0	3	0	0	0	3	0	0	21	143	0	164	0	0	0	0	0	0
OTHER INVERTEBRATES																		
Hyalospongia	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D-1 (cont'd)

	RAW COUNT Western Transect						Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	TOT	C1	C2	C3	C4	C5	TOT	E1	E2	E3	E4	E5	TOT
Hyalonema sp.	16	0	0	0	0	16	0	0	1	0	0	1	3	0	0	0	0	3
Pennatulacea	0	0	2	0	1	3	0	0	0	1	2	3	0	4	0	0	0	4
Zoantharia-Actiniaria	6	0	0	0	0	6	0	1	0	1	2	4	2	1	0	0	0	3
Hyalinoecia tubicola	0	1	0	0	0	1	1	0	12	12	0	25	0	0	0	0	0	0
Octopoda	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
FISHES																		
Scyliorhinus retifer	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Synaphobranchus sp.	0	3	0	0	0	3	0	0	3	0	0	3	0	0	0	0	0	0
Pseudophicthys laterodorsalis	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
Halosaurus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
Alepocephalidae	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3
Leptoderma sp.	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0
Chlorophthalmidae	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0
Chlorophthalmus agassizi	4	0	0	0	0	4	2	0	0	0	0	2	0	0	0	0	0	0
Dibranchus atlanticus	1	0	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0
Urophycis sp.	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0
Ophidiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Cataetyx sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Macrouridae	4	2	0	0	0	6	2	0	0	0	0	2	0	0	0	0	0	0
Coryphaenoides mexicanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
Coelorinchus caribbaeus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coelorinchus coelorhynchus	1	0	0	0	0	1	3	0	0	0	0	3	0	0	0	0	0	0
Nezumia sp.	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
Hymenocephalus italicus	6	0	0	0	0	6	0	1	0	0	0	1	0	0	0	0	0	0
Bembrops gobioides	1	0	0	0	0	1	1	0	0	0	0	1	3	0	0	0	0	3

Appendix D-2. Density per hectare of all benthic photography observations, Cruise II stations.

	DENSITY PER HECTARE																	
	Western Transect						Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
RIDGES																		
Individual ridges																		
Radiating ridges joined at center	0	0	0	0	0	0	0	0	0	43.0	0	8.7	0	0	0	0	0	0
Ridge forming partial circle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42.9	8.2
Random path without paralleling grooves	0	114.4	299.6	747.0	1648.3	621.8	52.6	756.2	472.5	43.0	110.6	260.6	0	2999.3	98.5	240.4	17981.3	3825.0
Random path without paralleling grooves, short and distinct from bottom	0	0	0	1318.2	2506.8	902.0	0	0	29.5	0	147.5	43.4	0	538.3	328.2	0	3776.5	860.0
Ridge paralleled by a shallow groove on each side	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	171.7	32.8
LUMPS																		
Solitary lumps																		
Unsculptured conical lump with an apical round hole	0	0	0	307.6	0	61.3	0	924.3	738.3	172.0	0	347.4	0	153.8	65.6	280.5	0	90.1
Sculptured solitary lump with center slightly depressed	0	0	199.7	0	0	17.5	0	0	0	0	0	0	0	0	0	0	0	0
Irregular solitary lump	0	571.8	699.0	1010.6	412.1	499.2	0	3865.2	620.2	516.1	258.2	746.9	98.8	0	98.5	40.1	128.7	81.9
Unsculptured conical lump without apical hole	3300.5	1601.0	798.9	922.7	2266.4	1953.0	5102.0	1764.6	177.2	6622.8	110.6	2440.5	2733.1	3076.2	2067.9	1081.9	1630.8	2055.8
Excavated sediment lump adjacent to burrow	268.6	6022.7	0	0	0	1445.0	1525.4	2184.7	177.2	0	110.6	555.8	263.4	1461.2	0	40.1	0	229.3
Distinctive area of reworked sediment, rough texture but no significant relief	0	0	99.9	0	0	8.8	157.8	0	59.1	0	405.7	139.0	0	0	32.8	40.1	42.9	24.6
Solitary lump, sculptured, elongate, with irregular transverse grooves (faecal)	0	0	0	1274.2	652.5	420.4	0	0	0	0	36.9	8.7	0	0	0	0	42.9	8.2
Sculptured lump, elongate, resembling a coil-lying on its side (faecal)	0	114.4	99.9	87.9	0	52.5	0	0	0	0	442.6	104.2	0	0	0	0	4463.1	851.8
Sculptured lump, elongate, resembling a pile of uncoiled rope (faecal)	0	0	0	0	0	0	0	0	59.1	0	258.2	78.2	0	0	0	40.1	2918.2	565.1
Elongate smooth lump, (faecal or possible biota)	0	800.5	199.7	1845.4	515.1	700.6	0	840.3	0	0	0	86.9	0	307.6	0	0	214.6	73.7
Sets of lumps																		
Random arrangement, same color as background	0	0	399.4	175.8	0	70.1	0	0	0	0	737.6	173.7	0	153.8	196.9	200.4	600.8	221.1
Random arrangement, darker than background	0	0	0	0	0	0	0	0	0	86.0	0	17.4	0	0	0	0	0	0
Single row of adjacent lumps	0	0	0	0	0	0	0	0	59.1	0	0	17.4	0	0	0	0	0	0

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Appendix D-2 (cont'd)

	Western Transect						DENSITY PER HECTARE Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
GROOVES																		
Individual grooves																		
Broad groove forming ring	76.8	0	0	0	0	17.5	0	0	0	0	0	0	0	0	0	0	0	0
Unsculptured groove - short, narrow, straight and deep	38.4	0	0	0	0	8.8	0	0	236.3	172.0	36.9	112.9	0	0	262.6	0	0	65.5
Unsculptured groove - short, narrow, straight and shallow	2648.0	838.6	8588.0	2065.1	446.4	2075.6	52.6	0	5788.5	1204.1	405.7	2049.7	1317.2	0	24519.9	28250.9	42.9	12228.4
Short narrow grooves, closely spaced (decapod tracks)	0	1944.0	23367.3	51144.6	0	12689.9	0	12099.8	0	0	0	1250.7	0	0	0	0	0	0
Random pattern, broad, smooth without paralleling ridges	38.4	381.2	99.9	263.6	377.7	254.0	0	588.2	915.5	860.1	0	503.7	65.9	230.7	0	881.6	1330.4	475.0
Random pattern, narrow, smooth with possible paralleling ridges	614.0	1562.9	1198.3	1450.0	824.1	1103.5	105.2	420.1	4932.1	387.0	885.2	1797.8	428.1	1230.5	426.7	3285.9	2660.7	1523.4
Sculptured groove, broad with paralleling ridges	0	457.4	499.3	175.8	652.5	350.3	52.6	0	0	0	22645.1	5341.3	0	76.9	0	360.6	214.6	122.9
Sculptured groove, numerous transverse partitions within groove	38.4	0	0	0	0	8.8	0	0	0	0	0	0	0	0	0	0	0	0
Rough, broad groove, gouge-like, as from a dragged object	38.4	0	0	0	0	8.8	0	0	0	0	0	0	32.9	0	0	0	0	8.2
Sets of grooves																		
Grooves radiating from common point, asteroid-shaped	230.3	876.7	699.0	263.6	583.8	516.7	0	0	147.7	0	442.6	147.6	0	0	0	400.7	5106.9	1056.6
Grooves radiating from common point, ophiuroid-shape	383.8	914.8	0	0	789.8	499.2	0	2352.7	0	0	922.0	460.3	0	1076.7	0	0	1072.9	319.4
Individual grooves, short and narrow with small central hole	0	0	0	0	0	0	0	0	147.7	0	0	43.4	0	0	0	0	0	0
Radiating set of short, narrow grooves from one side of central point	345.4	609.9	0	0	0	218.9	0	0	0	0	0	0	0	0	196.9	240.4	171.7	131.0
Radiating set of short, broad grooves from one side of central point	0	724.3	0	351.5	0	236.5	0	0	0	0	147.5	34.7	0	0	196.9	0	214.6	90.1
Broad grooves radiating from small central hole	0	495.5	0	0	0	113.9	0	0	0	0	0	0	0	0	0	0	600.8	114.7
Set of two parallel grooves about two cm. apart	76.8	0	0	0	0	17.5	0	0	0	0	516.3	121.6	0	0	0	40.1	0	8.2

Appendix D-2 (cont'd)

	Western Transect						DENSITY PER HECTARE Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
DEPRESSIONS																		
Solitary depressions																		
Deep depression of no particular size or shape	3031.8	18983.0	5991.6	1054.5	549.4	5929.0	10782.7	9915.1	18547.0	903.1	24894.9	14304.3	27463.1	13073.9	6926.0	1482.7	643.7	10377.3
Shallow depression of no particular size or shape	3991.2	15933.5	22169.0	10808.9	11950.1	11717.8	10361.9	18317.8	30065.0	11826.4	22534.5	20140.7	5005.3	17380.6	12670.3	8815.9	15663.9	11649.0
Large shallow depression with steep sides	0	38.1	99.9	43.9	0	26.3	52.6	84.0	2598.9	0	0	781.7	32.9	0	426.7	0	0	114.7
Very rough shallow depression with irregular shape	153.5	0	0	0	0	35.0	0	0	0	0	0	0	0	0	0	0	0	0
Shallow excavated depression with removed material around it	0	0	0	0	0	0	105.2	0	0	0	0	17.4	0	0	0	0	0	0
Groups of depressions																		
Depression in a single row arranged in a full circle	614.0	38.1	0	0	0	148.9	263.0	0	3396.3	0	2065.4	1528.6	461.0	0	32.8	0	0	122.9
Depression in a single row arranged in a partial circle	165406.6	13989.5	2097.1	263.6	0	41196.3	8415.7	7226.3	10277.6	344.0	19768.4	9883.6	128161.2	2076.4	2264.9	0	1716.6	32991.2
Numerous small depressions arranged in a cluster	1458.3	0	0	0	0	332.8	736.4	0	472.5	0	405.7	356.1	0	76.9	623.7	80.1	0	180.2
Depressions arranged in an irregular circle around a large lump	0	0	0	0	0	0	0	0	0	0	0	0	395.2	0	0	0	686.6	229.3
SCULPTURED STRIPS																		
Adjacent strips of depressions																		
Row of adjacent depressions, paralleled on each side by deeper depressions	0	0	0	0	0	0	0	0	0	0	995.8	234.5	98.8	0	0	0	0	24.6
Row of adjacent depressions without median grooves	0	0	0	0	0	0	0	0	147.7	0	0	43.4	0	0	0	0	0	0
ARTIFACTS																		
Unidentified metal can	0	0	0	0	0	0	105.2	0	0	0	0	17.4	0	0	0	0	0	0
Trash	0	0	0	0	0	0	0	0	0	43.0	0	8.7	0	0	32.8	0	0	8.2
Plastic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D-2 (cont'd)

	Western Transect						DENSITY PER HECTARE Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
CONSOLIDATED MATERIALS																		
Apparent rock or nodule	0	38.1	0	43.9	480.8	140.1	0	1008.3	0	0	36.9	112.9	32.9	4460.5	492.4	0	4806.5	1523.4
Consolidated material darker than surrounding sediment	0	533.7	699.0	2109.1	1820.0	1068.4	0	252.1	0	0	0	26.1	0	10689.8	0	0	6008.1	2285.1
Consolidated sediment object with same characteristics as surrounding bottom	0	0	0	0	0	0	52.6	0	0	0	36.9	17.4	32.9	0	0	0	0	8.2
Sediment block or slab	0	0	0	0	0	0	0	0	0	43.0	0	8.7	0	0	0	0	42.9	8.2
Rough sediment block or slab	76.8	0	0	0	0	17.5	0	0	0	0	0	0	0	0	0	0	85.8	16.4
Consolidated dark elongated oject	0	0	0	0	0	0	0	0	0	129.0	0	26.1	0	0	0	0	0	0
UNKNOWN																		
Dark leaf-like lumps, possible dead sargassum	0	38.1	0	2065.1	2712.8	1112.2	0	504.2	826.9	10063.2	36.9	2336.3	0	1615.0	2264.9	1646.6	3819.4	2211.4
Cornucopia shape sponge, Type I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85.8	16.4
Spongelike white sphere	0	0	0	0	0	0	0	0	0	43.0	0	8.7	0	0	0	0	0	0
Irregular shaped sponge-like mass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85.8	16.4
Gelatinous mass, probably actiniarian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42.9	8.2
Round with septa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40.1	0	8.2
Pogonophora-like worm stalk	0	266.8	0	0	0	61.3	0	0	0	86.0	0	17.4	0	0	0	0	0	0
Polychaete worm-like structure	0	0	0	0	240.4	61.3	0	0	0	129.0	0	26.1	0	0	0	0	0	0
Hyalinoecia-like worm tube, small	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	171.7	32.8
Unidentified pink and blue shrimp	38.4	0	0	0	0	8.8	105.2	0	0	0	0	17.4	0	0	0	0	0	0
Urchin-like white sphere	76.8	0	0	0	0	17.5	0	0	0	43.0	147.5	43.4	0	0	0	40.1	0	8.2
Ophiomusium-like brittle star	115.1	152.5	0	175.8	0	96.3	52.6	5293.7	59.1	0	36.9	581.9	0	0	0	0	42.9	8.2
Unknoun holothuroid, both ends blunt, 9 cm length	0	76.2	0	0	0	17.5	0	0	0	0	0	0	0	0	0	0	0	0
Unknown holothuroid, pyrosome-like	0	0	0	0	68.7	17.5	0	0	0	0	0	0	0	0	0	0	0	0
Unknown holothuroid, transluscent colored	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	171.7	32.8
Unknown holothuroid, transluscent with internal webs	0	0	0	0	0	0	0	0	0	0	0	0	0	76.9	0	0	0	8.2
Holothuroid similar to *Scotoplanes*	0	0	0	43.9	0	8.8	0	0	0	0	0	0	0	0	0	0	0	0
Small black fish-like *Leptoderma*	0	38.1	0	0	0	8.8	0	0	0	0	0	0	0	0	0	0	0	0
Stalked objects	0	0	0	43.9	583.3	157.6	0	0	0	0	0	0	0	461.4	0	80.1	393.3	131.0

Appendix D-2 (cont'd)

	DENSITY PER HECTARE																	
	Western Transect						Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
Bushy stalked objects - sometimes with translucent body parts visible	0	1905.9	3694.8	2328.7	412.1	1331.2	0	2688.8	265.8	0	0	356.1	0	0	0	0	0	0
Multi stalked, tube worm-like	0	0	0	0	0	0	0	0	147.7	129.0	0	69.5	0	0	0	0	0	0
Filamentous stalk between two bulbs	0	0	0	131.8	68.7	43.8	0	0	0	0	0	0	0	0	0	0	0	0
Sea pen-like vertical stalk, no branches	0	0	0	0	0	0	0	84.0	0	0	0	8.7	0	0	0	0	0	0
Long translucent filaments from central spherical structure	0	0	0	307.6	0	61.3	0	1344.4	0	0	0	139.0	0	0	65.6	0	0	16.4
Filamentous cluster	0	0	0	0	0	0	0	0	0	0	0	0	32.9	0	0	0	0	8.2
Plant-like filamentous cluster	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White tentacle coming out of burrow	0	0	0	0	0	0	0	0	0	0	0	0	0	307.6	32.8	0	0	41.0
Clump of material with tentacular-like projections	0	0	0	0	0	0	52.6	0	0	0	0	8.7	0	0	0	0	0	0
Short translucent cylindrical structure	0	0	0	0	0	0	0	168.1	0	43.0	0	26.1	32.9	0	0	0	0	8.2
Short tubular structure, white bulbous structures near ends and thin in middle	0	0	0	0	0	0	0	0	0	0	0	0	32.9	0	0	0	0	8.2
Short, thin, and tubular, transparent bulbous structures near ends	0	0	0	0	0	0	52.6	0	0	0	0	8.7	0	0	0	0	0	0
Small white colored pebble sized objects, evenly dispersed	38.4	0	0	1801.5	3674.3	1304.9	0	0	0	0	0	0	0	0	0	0	8196.7	1564.4
Round sediment-colored sphere	0	0	0	0	0	0	0	84.0	0	0	0	8.7	0	0	0	40.1	0	8.2
PLANTS																		
Thalassia sp.	38.4	0	0	0	68.7	26.3	105.2	0	29.5	0	0	26.1	0	0	0	0	0	0
DECAPOD CRUSTACEANS																		
Decapoda	0	0	0	0	0	0	157.8	0	0	0	0	26.1	0	0	0	0	0	0
Penaeidea	0	0	0	0	0	0	52.6	0	0	0	0	8.7	0	0	0	0	0	0
Penaeopsis serrata	153.5	0	0	0	0	35.0	1209.8	0	0	0	0	199.8	0	0	0	0	0	0
Hymenopenaeus robustus	307.0	0	0	0	0	70.1	0	0	0	0	0	0	0	0	0	0	0	0
Plesiopenaeus edwardsianus	0	0	199.7	43.9	0	26.3	0	0	0	0	0	0	0	0	0	0	42.9	8.2
Caridean shrimp	0	0	0	0	0	0	0	168.1	0	86.0	0	34.7	0	0	0	40.1	0	8.2
Glyphocrangon sp.	0	0	0	0	34.3	8.8	0	84.0	0	0	0	8.7	0	0	0	0	0	0

Appendix D-2 (cont'd)

DENSITY PER HECTARE

	Western Transect						Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
Stereomastis sp.	0	0	0	0	0	0	0	84.0	0	0	0	8.7	0	0	0	0	0	0
Galatheidae	153.5	38.1	0	0	0	43.8	0	0	0	0	0	0	0	0	0	0	0	0
Munida sp.	0	0	0	0	0	0	52.6	0	0	0	0	8.7	0	0	0	0	0	0
Brachyura	0	0	0	0	0	0	0	0	29.5	0	0	8.7	0	0	0	0	0	0
Pyromaia arachna	0	0	0	0	0	0	0	0	0	0	0	0	32.9	0	0	0	0	8.2
Trichopeltarion nobile	0	0	0	0	0	0	0	84.0	0	0	0	8.7	0	0	0	0	0	0
Benthochascon schmitti	115.1	0	0	0	0	26.3	368.2	0	0	0	0	60.8	65.9	0	0	0	0	16.5
Bathyplax typhla	0	0	0	0	0	0	0	0	0	0	0	0	0	76.9	0	0	0	8.2
Natantia	0	152.5	99.9	571.2	0	157.6	0	504.2	118.1	0	0	86.9	0	461.4	32.8	40.1	300.4	122.9
ECHINODERMATA																		
Asteroidea	0	0	0	0	0	0	52.6	84.0	29.5	0	0	26.1	0	0	0	0	0	0
Goniopecten demonstrans	0	0	0	0	0	0	0	0	29.5	0	0	8.7	0	0	0	0	0	0
Nymphaster arenatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32.8	0	0	8.2
Brisingidae	0	0	0	0	0	0	0	84.0	0	0	0	8.7	0	0	0	0	0	0
Ophiuroidea	38.4	0	0	0	0	8.8	0	0	0	0	0	0	0	0	0	0	0	0
Phormosoma sp.	0	0	0	0	34.3	8.8	0	0	0	0	0	0	0	0	0	0	0	0
Phormosoma placenta	0	0	0	0	0	0	0	0	0	43.0	0	8.7	0	0	0	0	0	0
Holothuroidea	0	0	0	0	0	0	0	0	29.5	0	0	8.7	0	0	0	0	0	0
Mesothuria sp.	0	0	0	0	0	0	0	924.3	88.6	0	0	121.6	0	0	0	0	0	0
Benthodytes typica	0	0	0	0	0	0	0	0	0	0	73.8	17.4	0	0	0	0	0	0
Scotoplanes sp.	0	114.4	0	0	0	26.3	0	0	620.2	6149.7	0	1424.4	0	0	0	0	0	0
OTHER INVERTEBRATES																		
Hyalospongia	0	114.4	0	0	0	26.3	0	0	0	0	0	0	0	0	0	0	0	0
Hyalonema sp.	614.0	0	0	0	0	140.1	0	0	29.5	0	0	8.7	98.8	0	0	0	0	24.6
Pennatulacea	0	0	199.7	0	34.3	26.3	0	0	0	43.0	73.8	26.1	0	307.6	0	0	0	32.8
Zoantharia-Actiniaria	230.3	0	0	0	0	52.5	0	84.0	0	43.0	73.8	34.7	65.9	76.9	0	0	0	24.6
Hyalinoecia tubicola	0	38.1	0	0	0	8.8	52.6	0	354.4	516.1	0	217.1	0	0	0	0	0	0
Octopoda	0	0	0	0	0	0	0	0	29.5	0	0	8.7	0	0	0	0	0	0

Appendix D-2 (cont'd)

	DENSITY PER HECTARE																	
	Western Transect						Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
FISHES																		
Scyliorhinus retifer	76.8	0	0	0	0	17.5	0	0	0	0	0	0	0	0	0	0	0	0
Synaphobranchus sp.	0	114.4	0	0	0	26.3	0	0	88.6	0	0	26.1	0	0	0	0	0	0
Pseudophichthys laterodorsalis	0	0	0	0	0	0	0	0	29.5	0	0	8.7	0	0	0	0	0	0
Halosaurus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65.6	0	0	16.4
Alepocephalidae	0	0	0	0	0	0	0	0	0	0	0	0	0	153.8	32.8	0	0	24.6
Leptoderma sp.	0	0	0	0	0	0	0	84.0	29.5	0	0	17.4	0	0	0	0	0	0
Chlorophthalmidae	0	0	0	0	0	0	105.2	0	0	0	0	17.4	0	0	0	0	0	0
Chlorophthalmus agassizi	153.5	0	0	0	0	35.0	105.2	0	0	0	0	17.4	0	0	0	0	0	0
Dibranchus atlanticus	38.4	0	0	0	0	8.8	0	0	59.1	0	0	17.4	0	0	0	0	0	0
Urophycis sp.	0	0	0	0	0	0	105.2	0	0	0	0	17.4	0	0	0	0	0	0
Ophidiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32.8	0	0	8.2
Cataetyx sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40.1	0	8.2
Macrouridae	153.5	76.2	0	0	0	52.5	105.2	0	0	0	0	17.4	0	0	0	0	0	0
Coryphaenoides mexicanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65.6	0	0	16.4
Coelorinchus caribbaeus	0	0	0	0	0	0	157.8	0	0	0	0	26.1	0	0	0	0	0	0
Coelorinchus coelorhynchus	38.4	0	0	0	0	8.8	52.6	0	0	0	0	8.7	0	0	0	0	0	0
Nezumia sp.	0	0	0	0	0	0	0	84.0	0	0	0	8.7	0	0	0	0	0	0
Hymenocephalus italicus	230.3	0	0	0	0	52.5	0	0	0	0	0	0	0	0	0	0	0	0
Bembrops gobioides	38.4	0	0	0	0	8.8	52.6	0	0	0	0	8.7	98.8	0	0	0	0	24.6

Appendix D-3. Summary of length measurements (cm) from benthic photography observations, Cruise II stations.

LENGTH SUMMARY (cm)

		Western Transect						Central Transect						Eastern Transect					
	STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
RIDGES																			
Individual ridges																			
Random path without paralleling grooves	$\bar{x}$	0	46.9	10.8	5.8	6.3	8.1	36.4	13.8	10.3	30.9	31.1	15.0	0	5.4	7.7	11.1	7.1	7.0
	n	0	3	3	17	48		1	9	16	1	3		0	39	3	6	419	
	S.E.	0	34.1	9.4	1.8	0.9		0	4.0	3.0	0	14.5		0	0.4	2.6	3.4	0.2	
Random path without paralleling grooves, short and distinct from bottom	$\bar{x}$	0	0	0	4.6	4.2	4.3	0	0	0	0	10.6	10.6	0	7.3	4.9	0	8.2	7.9
	n	0	0	0	30	73		0	0	0	0	4		0	7	10	0	88	
	S.E.	0	0	0	0.9	0.4		0	0	0	0	3.7		0	0.6	0.9	0	0.5	
GROOVES																			
Individual grooves																			
Unsculptured groove - short, narrow, straight and shallow	$\bar{x}$	3.6	3.8	2.1	1.3	1.8	2.5	9.5	0	2.5	2.6	3.7	2.6	3.6	0	2.2	2.5	0	2.4
	n	69	22	86	47	13		1	0	196	28	11		40	0	747	705	1	
	S.E.	0.2	0.4	0.1	0.2	0.5		0	0	0.1	0.4	0.7		0.2	0	0.1	0.1	0	
Short narrow grooves, closely spaced (decapod tracks)	$\bar{x}$	0	2.6	1.9	1.7	0	1.8	0	2.4	0	0	0	2.4	0	0	0	0	0	0
	n	0	51	234	1164	0		0	144	0	0	0		0	0	0	0	0	
	S.E.	0	0.1	0.1	0.0	0		0	0.1	0	0	0		0	0	0	0	0	
Random pattern, broad, smooth without paralleling ridges	$\bar{x}$	0	64.5	0	12.3	67.3	52.1	0	18.1	14.4	7.4	0	12.5	0	4.3	0	18.3	46.5	33.1
	n	0	10	1	6	11		0	7	31	20	0		0	3	0	22	31	
	S.E.	0	28.7	0	3.4	23.4		0	4.0	2.1	1.6	0		0	4.3	0	4.2	8.6	
Random pattern, narrow, smooth with possible paralleling ridges	$\bar{x}$	16.3	34.0	22.8	16.1	28.8	25.0	45.5	20.4	12.0	9.5	20.3	13.4	39.0	34.1	20.8	22.7	30.0	26.9
	n	16	41	12	33	24		2	5	167	9	24		9	16	13	82	62	
	S.E.	2.9	6.2	8.0	4.0	5.9		33.9	6.0	0.9	1.6	5.2		10.1	6.0	3.8	2.0	4.2	

Appendix D-3 (cont'd)

LENGTH SUMMARY (cm)

	STATION	Western Transect						Central Transect						Eastern Transect					
		W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
Sculptured groove, broad with paralleling ridges	$\bar{X}$	0	24.8	21.6	23.7	34.7	29.0	0	0	0	0	48.9	48.9	0	27.6	0	14.3	18.5	16.6
	n	0	12	5	4	19		0	0	0	0	605		0	1	0	9	5	
	S.E.	0	6.1	11.5	8.4	14.4		0	0	0	0	2.3		0	0	0	3.0	2.9	
Sets of grooves																			
Grooves radiating from common point, asteroid-shaped	$\bar{X}$	17.3	2.0	21.3	11.0	13.2	10.0	0	0	4.7	0	6.2	5.7	0	0	0	0	7.2	6.6
	n	5	20	6	5	15		0	0	5	0	10		0	0	0	9	107	
	S.E.	2.6	0.5	5.9	0.8	2.6		0	0	1.2	0	1.3		0	0	0	0	0.5	
Grooves radiating from common point, ophiuroid-shape	$\bar{X}$	3.7	4.5	0	0	2.7	3.6	0	7.3	0	0	4.5	6.0	0	6.5	0	0	5.9	6.1
	n	10	20	0	0	21		0	25	0	0	21		0	12	0	0	22	
	S.E.	0.7	0.7	0	0	0.3		0	0.7	0	0	0.6		0	1.1	0	0	0.6	
Radiating set of short, narrow grooves from one side of central point	$\bar{X}$	4.3	9.2	0	0	0	7.3	0	0	0	0	0	0	0	0	4.3	6.9	8.1	6.2
	n	9	14	0	0	0		0	0	0	0	0		0	0	5	5	3	
	S.E.	0.6	0.8	0	0	0		0	0	0	0	0		0	0	0.7	1.2	0.9	
Radiating set of short, broad grooves from one side of central point	$\bar{X}$	0	5.2	0	15.3	0	8.3	0	0	0	0	12.4	12.4	0	0	7.5	0	9.9	8.5
	n	0	16	0	7	0		0	0	0	0	3		0	0	5	0	4	
	S.E.	0	0.8	0	3.1	0		0	0	0	0	2.8		0	0	2.7	0	3.5	
Broad grooves radiating from small central hole	$\bar{X}$	0	7.1	0	0	0	7.1	0	0	0	0	0	0	0	0	0	0	9.9	9.9
	n	0	11	0	0	0		0	0	0	0	0		0	0	0	0	13	
	S.E.	0	1.3	0	0	0		0	0	0	0	0		0	0	0	0	1.2	
SCULPTURED STRIPS																			
Adjacent strips of depressions																			
Row of adjacent depressions, paralleled on each side by deeper depressions	$\bar{X}$	0	0	0	0	0	0	0	0	0	0	44.5	44.5	0	0	0	0	0	0
	n	0	0	0	0	0		0	0	0	0	27		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	7.4		0	0	0	0	0	

Appendix D-3 (cont'd)

LENGTH SUMMARY (cm)

		Western Transect						Central Transect						Eastern Transect					
	STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
Row of adjacent depressions without median grooves	$\bar{X}$	0	0	0	0	0	0	0	0	11.4	0	0	11.4	0	0	0	0	0	0
	n	0	0	0	0	0		0	0	5	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	7.0	0	0		0	0	0	0	0	
UNKNOWN																			
Pogonophora-like worm stalk	$\bar{X}$	0	5.2	0	0	0	5.2	0	0	0	13.9	0	13.9	0	0	0	0	0	0
	n	0	7	0	0	0		0	0	0	2	0		0	0	0	0	0	
	S.E.	0	2.5	0	0	0		0	0	0	1.6	0		0	0	0	0	0	
Polychaete worm-like structure	$\bar{X}$	0	0	0	0	7.7	7.7	0	0	0	6.5	0	6.5	0	0	0	0	0	0
	n	0	0	0	0	7		0	0	0	3	0		0	0	0	0	0	
	S.E.	0	0	0	0	2.8		0	0	0	0.5	0		0	0	0	0	0	
Hyalinoecia-like worm tube, small	$\bar{X}$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.6	6.6
	n	0	0	0	0	0		0	0	0	0	0		0	0	0	0	4	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0.6	
Ophiomusium-like brittle star	$\bar{X}$	7.8	4.7	0	3.4	0	5.1	0	5.3	11.5	0	20.7	5.7	0	0	0	0	22.2	22.2
	n	3	4	0	4	0		1	54	2	0	1		0	0	0	0	1	
	S.E.	0.5	2.9	0	1.4	0		0	0.5	5.1	0	0		0	0	0	0	0	
Unknown holothuroid, pyrosome-like	$\bar{X}$	0	0	0	0	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0
	n	0	0	0	0	2		0	0	0	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	2.9		0	0	0	0	0		0	0	0	0	0	
Long translucent filaments from central spherical structure	$\bar{X}$	0	0	0	11.4	0	11.4	0	12.5	0	0	0	12.5	0	0	0	0	0	0
	n	0	0	0	7	0		0	10	0	0	0		0	0	2	0	0	
	S.E.	0	0	0	3.1	0		0	2.1	0	0	0		0	0	0	0	0	

Appendix D-3 (cont'd)

		Western Transect						LENGTH SUMMARY (cm) Central Transect						Eastern Transect					
	STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
DECAPOD CRUSTACEANS																			
Hymenopenaeus robustus	$\bar{x}$	11.0	0	0	0	0	11.0	0	0	0	0	0	0	0	0	0	0	0	0
	n	8	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
	S.E.	1.3	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Plesiopenaeus edwardsianus	$\bar{x}$	0	0	4.5	4.5	0	4.5	0	0	0	0	0	0	0	0	0	0	0	0
	n	0	0	2	1	0		0	0	0	0	0		0	0	0	0	1	
	S.E.	0	0	4.5	0	0		0	0	0	0	0		0	0	0	0	0	
Caridean shrimp	$\bar{x}$	0	0	0	0	0	0	0	2.2	0	1.9	0	2.0	0	0	0	0	0	0
	n	0	0	0	0	0		0	2	0	2	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	2.2	0	0.5	0		0	0	0	0	0	
Glyphocrangon sp.	$\bar{x}$	0	0	0	0	2.1	2.1	0	2.5	0	0	0	2.5	0	0	0	0	0	0
	n	0	0	0	0	1		0	1	0	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Galatheidae	$\bar{x}$	1.8	1.9	0	0	0	1.8	0	0	0	0	0	0	0	0	0	0	0	0
	n	4	1	0	0	0		0	0	0	0	0		0	0	0	0	0	
	S.E.	0.1	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Munida sp.	$\bar{x}$	0	0	0	0	0	0	2.3	0	0	0	0	2.3	0	0	0	0	0	0
	n	0	0	0	0	0		1	0	0	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Brachyura	$\bar{x}$	0	0	0	0	0	0	0	0	3.4	0	0	3.4	0	0	0	0	0	0
	n	0	0	0	0	0		0	0	1	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Pyromaia arachna	$\bar{x}$	0	0	0	0	0	0	0	0	0	0	0	0	3.4	0	0	0	0	3.4
	n	0	0	0	0	0		0	0	0	0	0		1	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	

Appendix D-3 (cont'd)

LENGTH SUMMARY (cm)

		Western Transect						Central Transect						Eastern Transect					
	STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
Trichopeltarion nobile	$\bar{X}$	0	0	0	0	0	0	0	7.3	0	0	0	7.3	0	0	0	0	0	0
	n	0	0	0	0	0		0	1	0	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Benthochascon schmitti	$\bar{X}$	6.4	0	0	0	0	6.4	6.4	0	0	0	0	6.4	6.2	0	0	0	0	6.2
	n	3	0	0	0	0		7	0	0	0	0		2	0	0	0	0	
	S.E.	0.6	0	0	0	0		0.4	0	0	0	0		0.4	0	0	0	0	
Bathyplax typhla	$\bar{X}$	0	0	0	0	0	0	0	0	0	0	0	0	0	2.5	0	0	0	2.5
	n	0	0	0	0	0		0	0	0	0	0		0	1	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Natantia	$\bar{X}$	0	3.3	2.6	2.5	0	2.8	0	2.2	2.6	0	0	2.4	0	2.5	2.7	0	2.7	2.6
	n	0	4	1	7	0		0	6	4	0	0		0	6	1	0	6	
	S.E.	0	1.0	0	0.5	0		0	0.6	0.9	0	0		0	0.9	0	0	0.6	
ECHINODERMATA																			
Asteroidea	$\bar{X}$	0	0	0	0	0	0	0	4.2	3.9	0	0	4.0	0	0	0	0	0	0
	n	0	0	0	0	0		0	1	1	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Nymphaster arenatus	$\bar{X}$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.2	0	0	8.2
	n	0	0	0	0	0		0	0	0	0	0		0	0	1	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Brisingidae	$\bar{X}$	0	0	0	0	0	0	0	17.7	0	0	0	17.7	0	0	0	0	0	0
	n	0	0	0	0	0		0	1	0	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Phormosoma placenta	$\bar{X}$	0	0	0	0	4.5	4.5	0	0	0	4.0	0	4.0	0	0	0	0	0	0
	n	0	0	0	0	1		0	0	0	1	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Mesothuria sp.	$\bar{X}$	0	0	0	0	0	0	0	5.6	17.9	0	0	8.2	0	0	0	0	0	0
	n	0	0	0	0	0		0	11	3	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0.8	13.0	0	0		0	0	0	0	0	

Appendix D-3 (cont'd)

		LENGTH SUMMARY (cm)																	
		Western Transect						Central Transect						Eastern Transect					
	STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
Scotoplanes sp.	$\bar{X}$	0	2.5	0	0	0	2.5	0	0	3.0	2.6	0	2.7	0	0	0	0	0	0
	n	0	3	0	0	0		0	0	21	143	0		0	0	0	0	0	
	S.E.	0	1.3	0	0	0		0	0	0.4	0.1	0		0	0	0	0	0	
OTHER INVERTEBRATES																			
Hyalospongia	$\bar{X}$	0	1.4	0	0	0	1.4	0	0	0	0	0	0	0	0	0	0	0	0
	n	0	2	0	0	0		0	0	0	0	0		0	0	0	0	0	
	S.E.	0	0.0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Hyalonema sp.	$\bar{X}$	11.0	0	0	0	0	11.0	0	0	33.6	0	0	33.6	11.5	0	0	0	0	11.5
	n	16	0	0	0	0		0	0	1	0	0		3	0	0	0	0	
	S.E.	2.6	0	0	0	0		0	0	0	0	0		7.0	0	0	0	0	
Pennatulacea	$\bar{X}$	0	0	0	0	0	0	0	0	0	0	2.8	1.8	0	0	0	0	0	0
	n	0	0	0	0	0		0	0	0	1	2		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	2.8		0	0	0	0	0	
Zoantharia-Actiniaria	$\bar{X}$	14.2	0	0	0	0	14.2	0	3.7	0	4.7	3.8	4.0	0	5.4	0	0	0	5.4
	n	4	0	0	0	0		0	1	0	1	2		0	1	0	0	0	
	S.E.	6.1	0	0	0	0		0	0	0	0	1.9		0	0	0	0	0	
Hyalinoecia tubicola	$\bar{X}$	0	21.6	0	0	0	21.6	13.2	0	24.2	12.6	0	18.2	0	0	0	0	0	0
	n	0	1	0	0	0		1	0	12	12	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	4.3	1.8	0		0	0	0	0	0	
FISHES																			
Scyliorhinus retifer	$\bar{X}$	24.3	0	0	0	0	24.3	0	0	0	0	0	0	0	0	0	0	0	0
	n	2	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Synaphobranchus sp.	$\bar{X}$	0	47.2	0	0	0	47.2	0	0	30.3	0	0	30.3	0	0	0	0	0	0
	n	0	3	0	0	0		0	0	2	0	0		0	0	0	0	0	
	S.E.	0	6.7	0	0	0		0	0	30.3	0	0		0	0	0	0	0	
Pseudophichthys laterodorsalis	$\bar{X}$	0	0	0	0	0	0	0	0	24.0	0	0	24.0	0	0	0	0	0	0
	n	0	0	0	0	0		0	0	1	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	

Appendix D-3 (cont'd)

LENGTH SUMMARY (cm)

		Western Transect						Central Transect						Eastern Transect					
	STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
Alepocephalidae	$\bar{X}$	0	0	0	0	0	0	0	0	0	0	0	0	0	11.1	38.7	0	0	20.3
	n	0	0	0	0	0		0	0	0	0	0		0	2	1	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	2.8	0	0	0	
Leptoderma sp.	$\bar{X}$	0	0	0	0	0	0	0	17.0	0	0	0	8.5	0	0	0	0	0	0
	n	0	0	0	0	0		0	1	1	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Chlorophthalmidae	$\bar{X}$	0	0	0	0	0	0	5.7	0	0	0	0	5.7	0	0	0	0	0	0
	n	0	0	0	0	0		2	0	0	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0.2	0	0	0	0		0	0	0	0	0	
Chlorophthalmus agassizi	$\bar{X}$	11.4	0	0	0	0	11.4	12.9	0	0	0	0	12.9	0	0	0	0	0	0
	n	4	0	0	0	0		2	0	0	0	0		0	0	0	0	0	
	S.E.	3.8	0	0	0	0		2.7	0	0	0	0		0	0	0	0	0	
Dibranchus atlanticus	$\bar{X}$	10.8	0	0	0	0	10.8	0	0	9.5	0	0	9.5	0	0	0	0	0	0
	n	1	0	0	0	0		0	0	2	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	1.5	0	0		0	0	0	0	0	
Urophycis sp.	$\bar{X}$	0	0	0	0	0	0	39.0	0	0	0	0	39.0	0	0	0	0	0	0
	n	0	0	0	0	0		2	0	0	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		7.1	0	0	0	0		0	0	0	0	0	
Ophidiidae	$\bar{X}$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.8	0	0	27.8
	n	0	0	0	0	0		0	0	0	0	0		0	0	1	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Catactyx sp.	$\bar{X}$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.4	0	24.4
	n	0	0	0	0	0		0	0	0	0	0		0	0	0	1	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Macrouridae	$\bar{X}$	15.1	34.2	0	0	0	21.5	18.9	0	0	0	0	18.9	0	0	0	0	0	0
	n	4	2	0	0	0		2	0	0	0	0		0	0	0	0	0	
	S.E.	6.1	0.5	0	0	0		5.3	0	0	0	0		0	0	0	0	0	
Coryphaenoides mexicanus	$\bar{X}$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43.8	0	0	43.8
	n	0	0	0	0	0		0	0	0	0	0		0	0	2	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	4.1	0	0	

Appendix D-3 (Cont'd)

LENGTH SUMMARY (cm)

	STATION	Western Transect W1	W2	W3	W4	W5	AVG	Central Transect C1	C2	C3	C4	C5	AVG	Eastern Transect E1	E2	E3	E4	E5	AVG
Coelorinchus caribbaeus	$\bar{X}$	0	0	0	0	0	0	19.2	0	0	0	0	19.2	0	0	0	0	0	0
	n	0	0	0	0	0		3	0	0	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		9.6	0	0	0	0		0	0	0	0	0	
Coelorinchus coelorhynchus	$\bar{X}$	17.4	0	0	0	0	17.4	6.6	0	0	0	0	6.6	0	0	0	0	0	0
	n	1	0	0	0	0		1	0	0	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Nezumia sp.	$\bar{X}$	0	0	0	0	0	0	0	27.6	0	0	0	27.6	0	0	0	0	0	0
	n	0	0	0	0	0		0	1	0	0	0		0	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Hymenocephalus italicus	$\bar{X}$	15.2	0	0	0	0	15.2	0	0	0	0	0	0	0	0	0	0	0	0
	n	5	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
	S.E.	1.5	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Bembrops gobioides	$\bar{X}$	8.2	0	0	0	0	8.2	3.6	0	0	0	0	3.6	28.8	0	0	0	0	28.8
	n	1	0	0	0	0		1	0	0	0	0		3	0	0	0	0	
	S.E.	0	0	0	0	0		0	0	0	0	0		3.1	0	0	0	0	

Appendix D-4. Summary of area measurements (cm^2) from benthic photography observations, Cruise II stations.

		Western Transect						AREA SUMMARY (sq.cm) Central Transect						Eastern Transect					
	STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
LUMPS																			
Solitary lumps																			
Unsculptured conical lump with an apical round hole	$\bar{X}$	0	0	0	8.6	0	8.6	0	24.0	9.6	240.8	0	39.7	0	370.8	0	9.5	0	154.0
	n	0	0	0	5	0		0	4	18	3	0		0	2	0	3	0	
	S.E.	0	0	0	2.0	0		0	14.8	1.9	2[illegible]4.1	0		0	203.5	0	5.2	0	
Irregular solitary lump	$\bar{X}$	0	459.1	4.8	13.1	115.8	159.6	0	10.9	34.5	128.3	23.2	32.3	28.3	0	0	0	4.9	22.5
	n	0	11	7	13	7		0	36	10	8	2		3	0	0	0	1	
	S.E.	0	451.6	2.7	5.1	59.7		0	0.9	12.6	47.4	7.2		21.2	0	0	0	0	
Unsculptured conical lump without apical hole	$\bar{X}$	25.7	65.1	309.4	23.1	59.6	52.4	17.6	119.0	385.7	37.0	16.3	36.3	20.5	151.2	191.5	12.0	230.3	103.3
	n	86	25	8	14	46		97	13	2	74	1		83	39	38	18	26	
	S.E.	3.6	17.0	148.8	11.6	14.8		5.0	30.0	236.4	6.4	0		1.9	30.7	33.5	3.9	154.7	
Excavated sediment lump adjacent to burrow	$\bar{X}$	22.7	85.6	0	0	0	82.2	87.6	112.4	442.2	0	33.2	127.9	137.1	154.3	0	17.1	0	144.4
	n	7	123	0	0	0		29	14	5	0	2		8	19	0	1	0	
	S.E.	9.1	7.5	0	0	0		45.9	21.2	403.6	0	23.9		50.5	26.4	0	0	0	
Distinctive area of reworked sediment, rough texture but no significant relief	$\bar{X}$	0	0	71.4	0	0	71.4	331.7	0	572.1	0	118.1	221.4	0	0	831.0	0	0	831.0
	n	0	0	1	0	0		3	0	2	0	10		0	0	1	0	0	
	S.E.	0	0	0	0	0		303.5	0	405.9	0	44.0		0	0	0	0	0	
DEPRESSIONS																			
Solitary depressions																			
Deep depression of no particular size or shape	$\bar{X}$	14.9	11.4	19.2	2.3	4.7	12.2	6.4	6.5	3.4	0.6	1.6	3.5	6.7	21.2	11.4	2.3	1.5	9.3
	n	79	445	60	16	9		205	99	339	13	450		834	167	173	26	6	
	S.E.	6.1	2.9	9.3	0.5	1.1		1.5	0.9	1.0	0.3	0.1		0.2	5.1	3.2	0.5	0.7	

Appendix D-4 (cont'd)

AREA SUMMARY (sq.cm)

		Western Transect						Central Transect						Eastern Transect					
	STATION	W1	W2	W3	W4	W5	AVG	C1	C2	C3	C4	C5	AVG	E1	E2	E3	E4	E5	AVG
Shallow depression of no particular size or shape	$\bar{X}$	32.2	50.2	38.7	38.4	64.4	48.1	38.9	33.2	35.6	25.5	10.8	27.6	24.4	40.5	37.7	58.8	31.4	38.0
	n	104	371	222	197	297		197	197	481	143	409		152	223	336	176	315	
	S.E.	4.4	4.1	4.7	4.1	5.4		5.1	6.4	11.1	2.6	0.7		3.3	4.2	7.0	9.2	1.6	
Very rough shallow depression with irregular shape	$\bar{X}$	132.1	0	0	0	0	132.1	0	0	0	0	0	0	0	0	0	0	0	0
	n	4	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
	S.E.	53.4	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Groups of depressions																			
Depression in a single row arranged in a full circle	$\bar{X}$	6.1	0	0	0	0	6.1	3.0	0	3.5	0	0.8	2.2	4.2	0	0	0	0	4.2
	n	16	0	0	0	0		5	0	38	0	40		14	0	0	0	0	
	S.E.	0.1	0	0	0	0		0	0	0.6	0	0.2		0.9	0	0	0	0	
Depression in a single row arranged in a partial circle	$\bar{X}$	6.1	6.8	7.1	0.9	0	6.1	7.9	3.0	2.0	0	2.1	3.3	6.1	4.4	2.4	0	1.7	6.0
	n	4310	288	21	6	0		160	73	180	5	373		3892	26	55	0	35	
	S.E.	0.0	0.7	0.0	0.5	0		1.0	0.4	0.2	0	0.1		0.0	0.6	0.3	0	0.3	
Numerous small depressions arranged in a cluster	$\bar{X}$	4.4	0	0	0	0	4.4	6.2	0	0	0	0	5.8	0	0	0	0	0	0
	n	38	0	0	0	0		14	0	0	0	1		0	1	12	1	0	
	S.E.	0.0	0	0	0	0		0.0	0	0	0	0		0	0	0	0	0	
CONSOLIDATED MATERIALS																			
Adjacent strips of depressions																			
Apparent rock or nodule	$\bar{X}$	0	0	0	0	5.9	5.9	0	2.6	0	0	0	2.6	169.6	4.0	5.7	0	1.9	3.9
	n	0	0	0	0	9		0	9	0	0	0		1	58	11	0	92	
	S.E.	0	0	0	0	2.0		0	1.2	0	0	0		0	0.5	2.6	0	0.2	
Consolidated material darker than surrounding sediment	$\bar{X}$	0	2.8	0.7	6.1	4.1	4.5	0	9.9	0	0	0	9.9	0	4.4	0	0	2.8	3.7
	n	0	7	7	31	31		0	1	0	0	0		0	136	0	0	112	
	S.E.	0	0.4	0.4	1.4	0.7		0	0	0	0	0		0	0.7	0	0	0.2	

Appendix D-5. Summary of percent cover determinations from benthic photography observations, Cruise II stations.

	PERCENT COVER																	
	Western Transect						Central Transect						Eastern Transect					
STATION	W1	W2	W3	W4	W5	TOT	C1	C2	C3	C4	C5	TOT	E1	E2	E3	E4	E5	TOT
LUMPS																		
Solitary lumps																		
Unsculptured conical lump with an apical round hole	0	0	0	<.01	0	<.01	0	0.01	0.01	0.03	0	0.01	0	0.06	0	<.01	0	0.01
Irregular solitary lump	0	0.19	<.01	0.01	0.03	0.05	0	0.03	0.01	0.04	<.01	0.02	<.01	0	0	0	<.01	<.01
Unsculptured conical lump without apical hole	0.08	0.06	0.25	0.01	0.09	0.08	0.09	0.13	0.02	0.12	<.01	0.06	0.06	0.45	0.24	0.01	0.26	0.17
Excavated sediment lump adjacent to burrow	0.01	0.40	0	0	0	0.09	0.13	0.13	0.07	0	<.01	0.06	0.04	0.23	0	<.01	0	0.03
DEPRESSIONS																		
Solitary depressions																		
Deep depression of no particular size or shape	0.05	0.19	0.12	<.01	<.01	0.07	0.07	0.05	0.04	<.01	0.03	0.04	0.18	0.27	0.07	<.01	<.01	0.09
Shallow depression of no particular size or shape	0.13	0.71	0.86	0.33	0.66	0.50	0.40	0.55	0.51	0.16	0.16	0.34	0.12	0.70	0.42	0.41	0.42	0.37
Very rough shallow depression with irregular shape	0.02	0	0	0	0	<.01	0	0	0	0	0	0	0	0	0	0	0	0
Groups of depressions																		
Depression in a single row arranged in a full circle	<.01	0	0	0	0	<.01	<.01	0	<.01	0	<.01	<.01	<.01	0	0	0	0	<.01
Depression in a single row arranged in a partial circle	1.01	0.07	0.01	<.01	0	0.25	0.07	0.02	0.02	<.01	0.03	0.03	0.78	0.01	<.01	0	<.01	0.20
Numerous small depressions arranged in a cluster	0.01	0	0	0	0	<.01	<.01	0	0	0	<.01	<.01	0	<.01	<.01	<.01	0	<.01

END

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